

COMPANY PROFILE

Ideal Piping Solutions for Everyone



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RIIFO

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COMPANY PROFILE

RIIFO is a leading multinational corporation, providing one-stop piping solutions applied in residential, commercial, agricultural, industrial, and infrastructural sectors. With over 8,000 employees, 70 branches & subsidiaries, and 300,000 distributors, we have served customers in more than 100 countries and regions since 1996.

With an integrated value chain, from R&D to manufacturing and retail distribution, we strive to fulfill our mission of offering ideal piping products and services to everyone.

INNOVATION

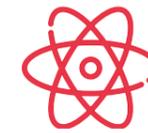
Believing that innovation is the key to going beyond the ordinary, RIIFO has founded one world-class lab recognized and certified by CNAS. Over 600 innovation talents have spared no effort to challenge industrial boundaries, achieving 923 patents and 20 technology awards.

And this innovative passion has perfectly presented on high-quality products and outstanding services, we strive to offer ideal piping solutions to everyone.



200

million USD



1

world-class lab
certified by CNAS



923

patents



The world-leading lab certified by CNAS

MANUFACTURING

RIIFO adopts highly automated production lines with the most rigorous and comprehensive production control and management system to handle such a powerful production.

10

production bases

200

hectares area totally



Foshan, CHN



Hubei, CHN



Tianjin, CHN



Jilin, CHN



Shanxi, CHN



Guangdong, CHN (Intelligent)



South Africa



Jiangsu, CHN



Chongqing, CHN



Ethiopia



Injection machines in RIIFO production bases

Production Centers

3.2 billion m/yr for pipes

1.3 billion pcs/yr for fittings

250 million pcs/yr for brass hardware fittings

Production Facility

1250+

injection machines

680+

extrusion machines

120+

automatic forging
machines

850+

CNC machines



RIIFO PEX pipes automated production lines

Storage Capacity & Facility

61,271,048 cubic feet ≈ 61,950 TEU

1 TEU = 1x20 GP container

60

mechanical arms by
the conveyor belt



Sustainable Development

We are proud to announce the establishment of a robust global infrastructure, comprising over 40 strategically located warehouses spanning across more than 30 countries. This expansive network has been meticulously designed to enhance and streamline our delivery services, ensuring efficiency and promptness in meeting the diverse needs of our valued customers worldwide.

40+

warehouses around the world



Riifo US warehouse



Riifo EU warehouse



Riifo UK warehouse

Sustainable Development

As an advocate and practitioner of sustainable development, RIIFO always strives to be at the forefront of improving our environment. So far, RIIFO has invested 19 million dollars in installing solar panels, leading the global piping industry forward to high-quality and sustainable development step by step.

290,000

square metres of solar panels

-2,510

tons of dust emission

-9,200

tons of CO₂ emission

25 million

kWh of electricity annually

-3,000

tons of coal

-280

tons of SO₂ emission



GLOBAL MARKET

Based on our strong ability in innovation and manufacturing, we can produce products which are highly recognized by customers around the world. With our customer-oriented services, as well as efficient marketing and branding, we don't merely connect person to person, but city to city, and even a world. RIIFO will be always stand by you whenever you need it.

100+
countries & regions

300,000
distributors

1.5 million
registered plumbers



Subsidiaries and Agents around the World

Listen To Customers' Voice

To ensure that we never lose sight of the overall picture, we take every opportunity to listen to our customers and better understand their needs. We actively participate in trade fairs and regularly hold seminars for our customers. Aiming high and looking ahead, RIIFO never loses sight of its roots, providing ideal and bespoke pipe solutions to everyone.
RIIFO



RIIFO at ISH 2023



RIIFO at MCE 2023

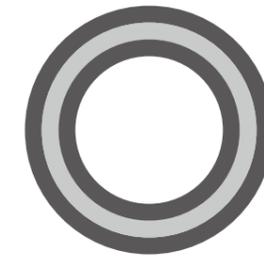
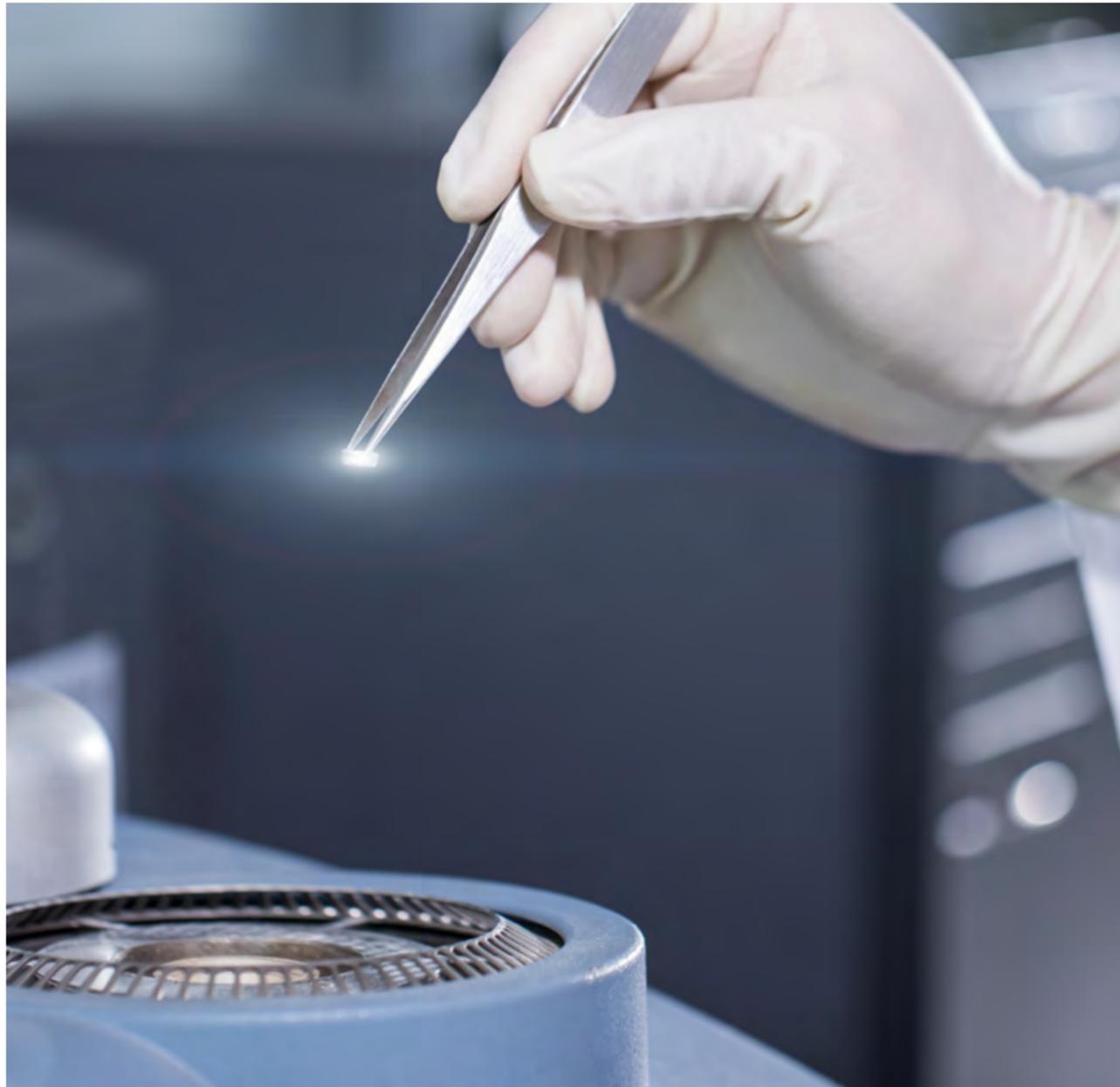


RIIFO at IDBF 2023

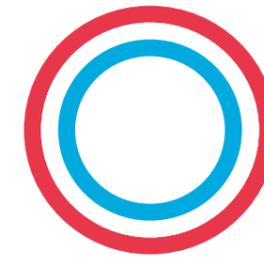
Global Technical Support

This service adds value to our offer. Our global subsidiaries organize over 50 regular technical training courses annually to drive shared progress. Led by RIIFO engineers, these courses provide a platform for interactive learning, idea exchange, and skill enhancement in the piping industry. Whether you're a seasoned professional looking to stay updated or a newcomer eager to learn about RIIFO piping systems, our training courses cater to various skill levels and backgrounds, fostering an environment of growth and collaboration.

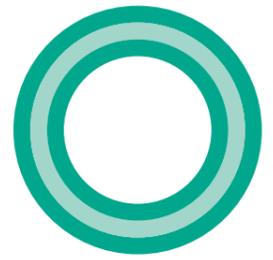




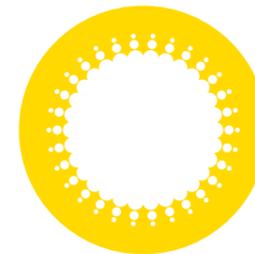
**Multilayer
Plumbing System**



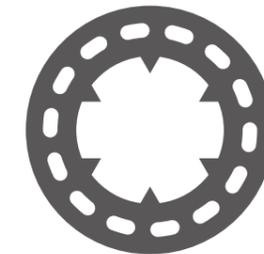
**PEX
Plumbing System**



**PP-R
Plumbing System**



**Gas
Piping System**



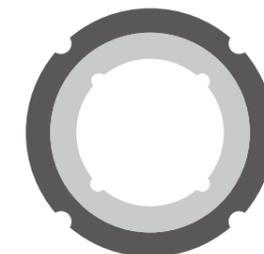
**PVC
Drainage System**



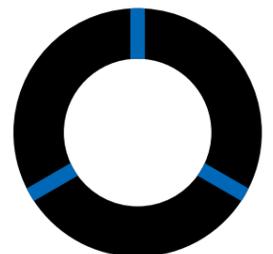
**Underfloor
Heating System**



**A/C
Piping System**



PVC Conduit



**Infrastructure
System**

PRODUCT SYSTEMS

With 25-years development, RIIFO products have covered a full range of piping solutions applied in residential, commercial, agricultural, industrial and municipal areas. From the perspective of concrete applications, our products can be categorized into 9 systems:



Multilayer Plumbing System

RIIFO Multilayer Plumbing System are certified by renowned International Standards Organizations, such as, NSF and AENOR to guarantee safety and good hygiene of hot and cold water distribution lines. The clean and corrosion-proof Multilayer PEX-AL-PEX Pipes, Brass Fittings and Valves promise reliable and healthy water supply in the residential, commercial and industrial applications.

Advantages

-  High flexibility and inherent stability
-  Less fittings needed
-  Entirely corrosion-resistant
-  50 years product lifespan
-  Pressure-resistant and temperature-resistant (95°C /10bar)
-  Lightweight
-  Prevent the permeation of oxygen and light
-  Smooth inner wall ensures low pressure loss

Approved Standard

EN ISO 21003 – Multilayer Piping Systems for Hot and Cold Water Installations Inside Buildings

ASTM F1281 – Standard Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe.

DVGW W 534 (P) – Pipe Connectors and Pipe Joints in Drinking Water Installation

DVGW W 542 – Compound Pipes in the Drinking Water Installation; Requirements and Testing

DVGW W 270 – A Method for the Assessment of Enhancement of Microbial Growth on Non-Metallic Materials in Contact with Drinking Water

KTW-BWGL – About Hygienic Property of Material Odor Test

UBA ELASTOM – Guideline for Hygienic Assessment of Elastomers in Contact With Drinking Water

AS 4176.2 & 3 – Multilayer Piping System for Pressure Applications – Multilayer Piping Systems for Hot and Cold Water Plumbing Applications- Pipes & Fittings

XP P4-250 – Effect of Materials on the Quality of Water Intended for Human Consumption - Organic Materials

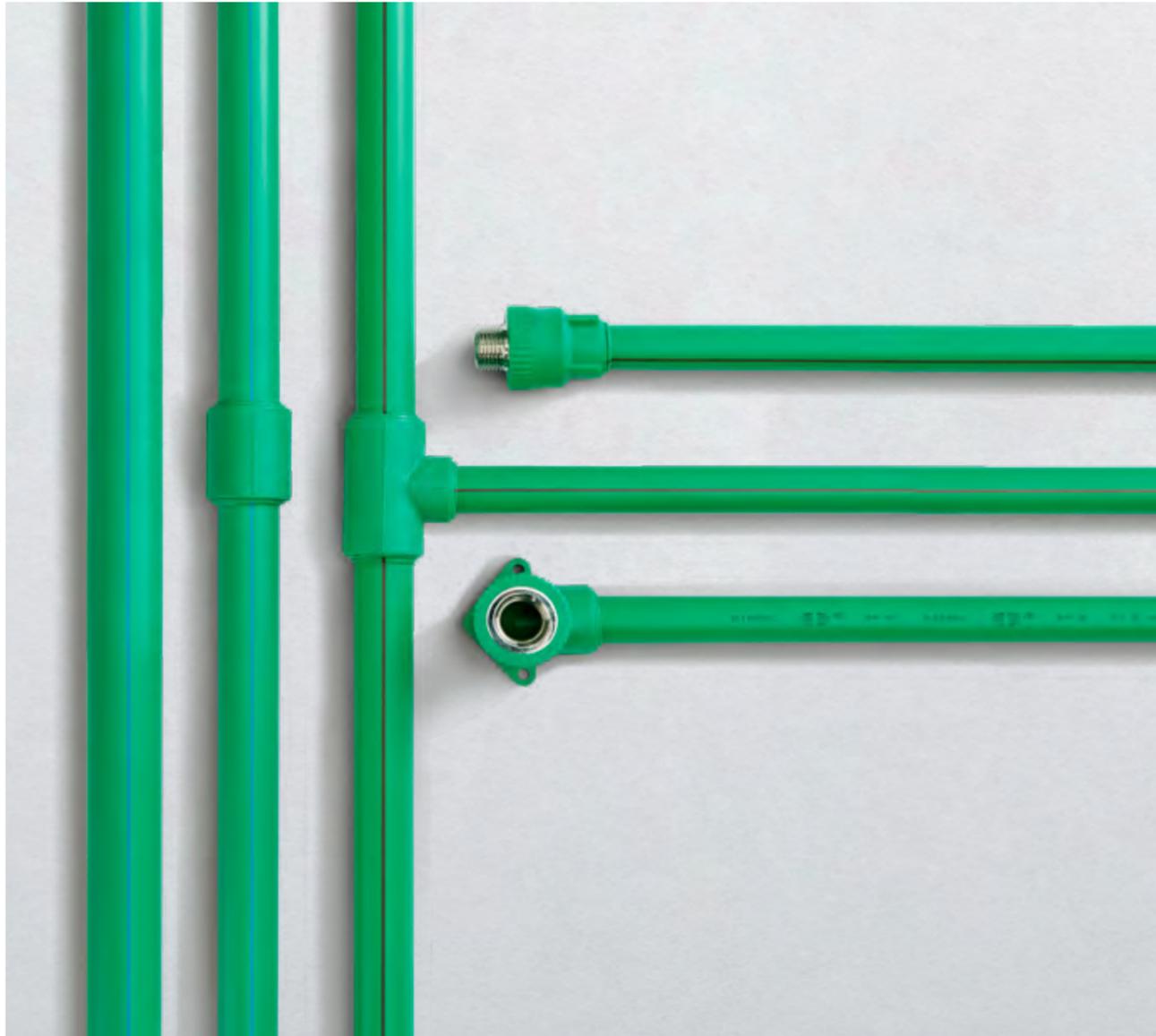
NSF / ANSI / CAN 61 – Health Effects of Drinking Water System Components

BS 6920 – Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water

CSA B137.10 – Crosslinked polyethylene/aluminum/crosslinked polyethylene (PEX-AL-PEX) composite pressurepipe systems

IS 15450 – Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot and cold Water Supplies - Specification





PP-R Plumbing System

Owing to the smooth inner wall, RIIFO PP-R pipes can prevent deposit accumulation, ensuring people's health as much as possible. What's more, the smooth surface of the inner wall leads faster water flow than other ordinary pipes. With the advantage of high quality but affordable price, RIIFO Plumbing System brings a safer plumbing experience to customers worldwide.

Advantages

-  Corrosion-resistant
-  Unique dovetail slot insert design decreases the risk of leakage
-  Lightweight
-  Large radian bend design decreases the pressure loss and increases the flow capacity
-  Clean and non-toxic
-  U-type pipe fittings ensures the connection of the whole house living water
-  Outstanding heat and sound insulation property
-  Homogeneous hot-melt adhesive makes safer and more reliable connections
-  The roughness Ra of surface is as low as 0.4 microns
-  Thirty-six contact points with anti-sliding gears for better sealing performance
-  50 years product lifespan

Approved Standard

NSF/ANSI/CAN 61 – Drinking Water System Components - Health Effects

DVGW W 544 – Plastic Pipe Systems for Drinking Water – PP-R Pipe

DVGW W 534 – Plastic Pipe Systems for Drinking Water – PP-R Fitting

DVGW W 270 – Assessment of Microbiological Growth

KTW-BWGL – Hygienic Property of material Odor Test

BS 6920 – Suitability of non-metallic materials and products for use in contact with water intended for human consumption with regard to their effect on the quality of the water

DIN 8077 – Pipe of Polypropylene - Dimension
DIN 8078 – Pipe of Polypropylene - General Quality Requirement and testing

DIN 16962 – Fittings and Components for Pressure Systems of Polypropylene

ISO 15874 – Plastic Piping System for Hot and Cold Water Installations – Polypropylene

NMX-E-226/2-CNCP-2007 – Plastic industry – polypropylene (PP) pipes for union by thermofusion employed in installations for conveying hot or cold water-metric series-specifications



PEX Plumbing System

RIIFO PEX Plumbing System, widely applied in residential and commercial buildings, is an ideal piping solution for plumbing. With excellent flexibility, RIIFO PEX pipes can be installed fast.

Advantages



Ultra flexibility for easy and fast installation



Keep stable without cracking even in freezing days



50 years product lifespan



Excellent oxidation & corrosion resistance



4 times lighter than metal pipes

Approved Standard

ASTM F876 – Standard Specification for Crosslinked Polyethylene (PEX) Tubing

AWWA C904 – Cross – Linked Polyethylene (PEX) Pressure Pipe, 1/2 In. (12 mm) through 3 In. (76 mm), for Water Service

CSA B137.5 – Crosslinked polyethylene (PEX) tubing systems for pressure applications

ASTM E84 – Standard Test Method for Surface Burning Characteristics of Building Materials

CAN/ULC-S102.2 – Standard Method Of Test For Surface Burning Characteristics Of Flooring, Floor Coverings, And Miscellaneous Materials And Assemblies

ASTM F877 – Standard Specification for Crosslinked Polyethylene (PEX) Hot - and Cold-Water Distribution Systems

ASTM F1807 – Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing

ASTM F1960 – Standard Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing

ASME A112.4.14 – Manually operated valves for use in plumbing systems

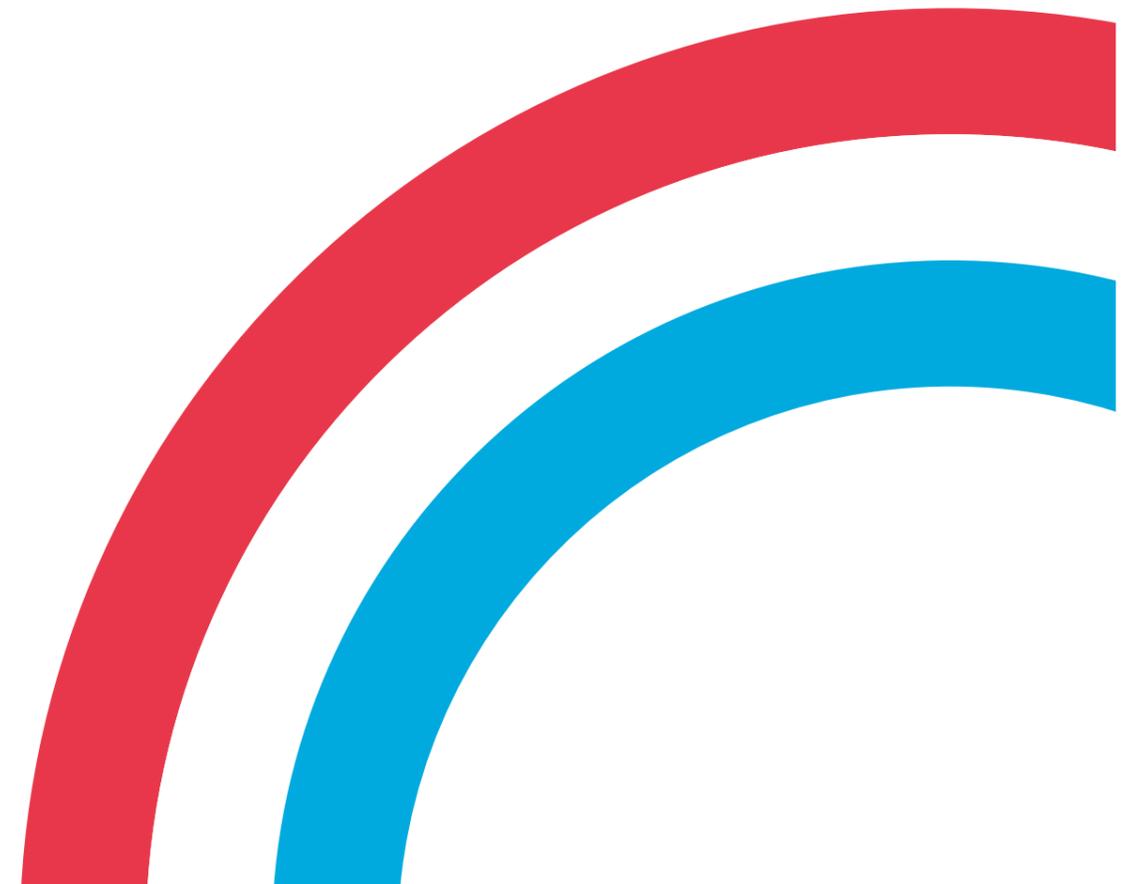
B125.3 – Plumbing fittings

XP P41-250 – Effects of materials on the quality of water intended for human consumption - Organic materials

AS/NZS 2492 – Cross-linked polyethylene (PE-X) pipes for pressure applications

AS/NZS 2537.2 – Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Fittings (ISO 15875-3:2003, MOD)

NBR 15939-1 – Plastics Piping Systems For Hot And Cold Water Installations – Crosslinked Polyethylene (Pe-x) – Part 1: Requirements And Test Methods





GAS Piping System

Integrating the advantages of plastic and metal pipes with 5-layer design, RIIFO GAS Piping System features gas-constituents resistance more than $\geq 20h$ ($80^{\circ}C, 0.4p_D$). Thus, it has stronger performance to prevent gas leakage and fire. RIIFO offers a high-quality, reliable, and safe piping solution for gas distribution.

Advantages

-  Prevent gas leakage
-  Highly flexible and inherently stable
-  High pressure and temperature resistance
-  50 years product lifespan
-  Excellent oxidation & corrosion resistance
-  Extraordinary chemical resistance
-  The automatic shut-off valve can close automatically when over-pressure or under-pressure

Approved Standard

UNE 53008-1 – Plastics piping systems. Multilayer pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar (500 kPa). Part 1: Specifications for pipes, fittings and the system

ISO 17484-1 – Plastics piping systems – Multilayer pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar (500 kPa)

AS 4176.8 – Multilayer pipes for pressure applications
Multilayer pipe systems for consumer gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) – Specifications for systems (ISO 17484-1:2006, MOD)

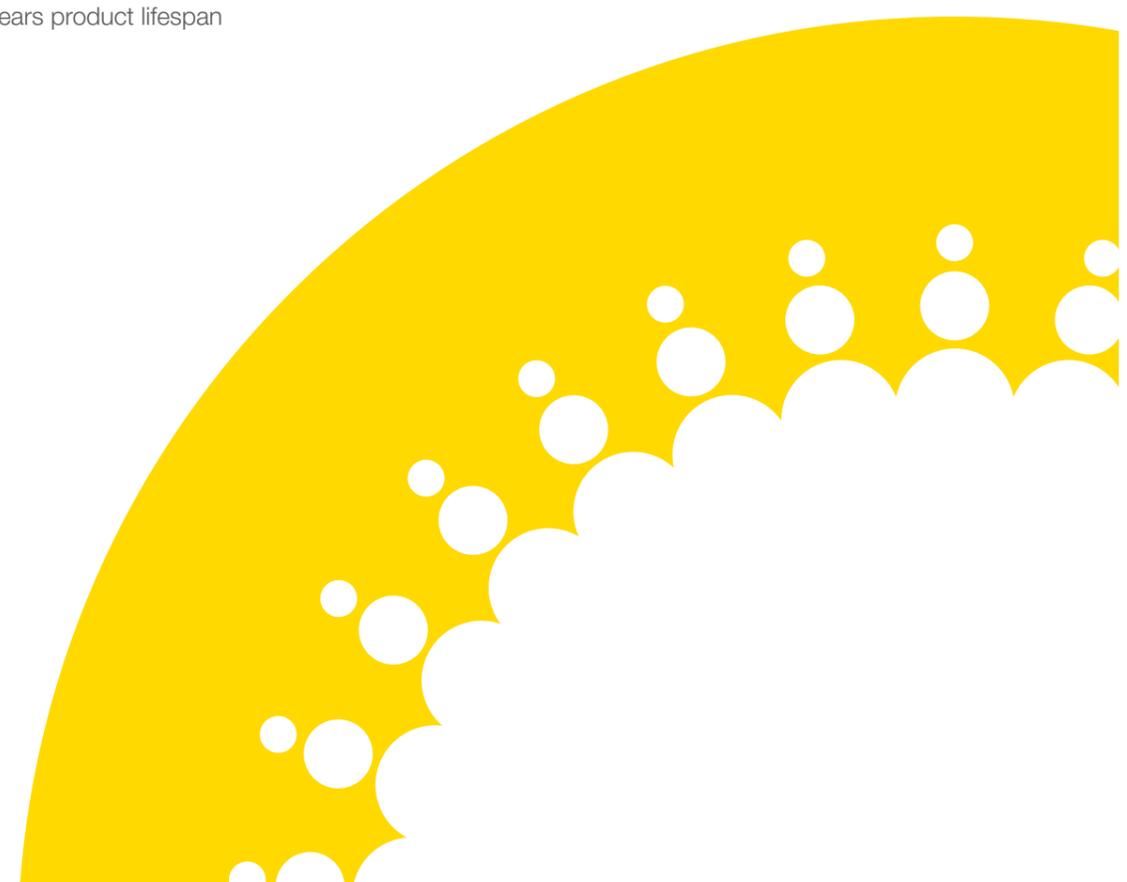
AS 3688 – Water supply and gas systems – Metallic fittings and end connectors

ASTM F1281 – Standard Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe

AS 4617 – Manually operated gas valves

ISO 18225 – Plastics piping systems – Multilayer piping systems for outdoor gas installations – Specifications for systems

NMX-X-021-SCFI-2014 – GAS industry – Multilayer pipes of based on polyethylene and aluminum for the conveying of natural (gn) and liquefied petroleum gases (lpg) – specifications and test methods (NMX-X-021-SCFI-2007)





PVC Drainage System

RIIFO PVC Pipe is mainly made of high-quality polyvinyl chloride resins. With an advantage of high impact resistance, strong flame retardancy and smooth inner wall, RIIFO PVC Drainage System offers perfect solution for water drainage in residential, commercial, and industrial sectors.

Advantages

-  Lightweight
-  Environmental-friendly
-  Strong flame retardancy
-  Easy and safe installation without using special installation tools
-  50 years product lifespan
-  Low coefficient of roughness and smooth walls for a faster drainage.
-  Outstanding water-proof performance with high-quality adhesive
-  Durability and better tensile strength
-  Flexible enough to undergo over 40% of the flattening test without cracking.

Approved Standard

AS/NZS 1260 – PVC-U pipes and fittings for drain, waste and vent applications

ISO 3633 – Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings – Unplasticized poly(vinyl chloride) (PVC-U)





Underfloor Heating System

With PEX pipes or multilayer pipes as its pipe circuits, RIIFO Underfloor Heating System offers an energy-efficient and cost-effective solution to heat your room up. The intelligent underfloor heating control pack with several manifolds can help you control the temperature precisely for each individual zone. Also, with strict raw material selection and exacting production management, RIIFO Underfloor Heating System has outstanding performance on high working pressure and temperature. Hope transfer heating energy by heart, and give you a winter with warmth.

Advantages

- 
 Control the temperature precisely for each individual zone by manifolds
- 
 Outstanding thermal conductivity
- 
 Energy-efficient & cost-effective
- 
 Excellent oxidation & corrosion resistance
- 
 Faster and better installation due to fewer fittings needed
- 
 50 years product lifespan

Approved Standard

UNE-EN ISO 21003 – Multilayer piping systems for hot and cold water installations inside buildings

SANS 21003 – Multilayer piping systems for hot and cold water installations inside buildings

ASTM F1281 – Standard Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe

ASTM F876 – Standard Specification for Crosslinked Polyethylene (PEX) Tubing

AWWA C904 – Cross – Linked Polyethylene (PEX) Pressure Pipe, 1/2 In. (12 mm) through 3 In. (76 mm), for Water Service

CSA B137.5 – Crosslinked polyethylene (PEX) tubing systems for pressure applications

ASTM F877 – Standard Specification for Crosslinked Polyethylene (PEX) Hot - and Cold-Water Distribution Systems

CSA B125.3 – Plumbing fittings

ASTM F1807 – Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing

ASTM F1960 – Standard Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing





A/C Piping System

Riifo Air Condition Piping System leads the new trend in cooling. With outstanding flexibility and toughness, it performs well on resisting high pressure and temperature and leaves you feeling cool in summer.

Advantages

-  Soldering-free and flare joint-free
-  Extraordinary chemical resistance
-  So flexible that can be bend easily by hands without damaging the pipe
-  50 YEARS 50 years product lifespan
-  Fewer joints, lower material costs and a cleaner system



Approved Standard

ASTM F1281-2017(R2021)
 Standard Specification for Crosslinked Polyethylene/
 Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure
 Pipe ICC-ES LC 1035-2015, Standard Specification
 for Cross-linked Polyethylene/Aluminum/Cross-linked
 Polyethylene (PEX-AL-PEX) Pipe and Fittings for Refrigeration
 Applications



PVC Conduit

RiIFO rigid conduit is made of high-quality polyvinyl chloride resins and imported processing additives. It has an advantage of high impact resistance, strong flame retardancy and excellent cold bending performance, offering a perfect solution for electrical safety in residential, commercial and industry use. RiIFO PVC rigid conduit is proven to be durable for years under the ground.

Advantages

- 

Environmental-friendly
- 

Strong flame retardancy
- 

Good insulation. It can resist AC2000V voltage and insulation resistance more than $1 \times 10^8 \Omega$
- 

High impact resistance and excellent cold bending performance require less fittings
- 

Low coefficient of roughness and smooth walls reduces friction during wire pull
- 

Excellent physical and chemical properties ensure better tensile strength and durability
- 

Lightweight
- 

Easy and safe installation. No need for special installation tools

Approved Standard

IEC 61386-21 – Conduit systems for cable management - Part 21: Particular requirements - Rigid conduit systems



Infrastructure

RIIFO Infrastructure Piping System plays an important role for people who build the city, and more importantly, for people who live there. From water supply, to drainage and power cable protection, RIIFO is always here to guarantee you a good life.

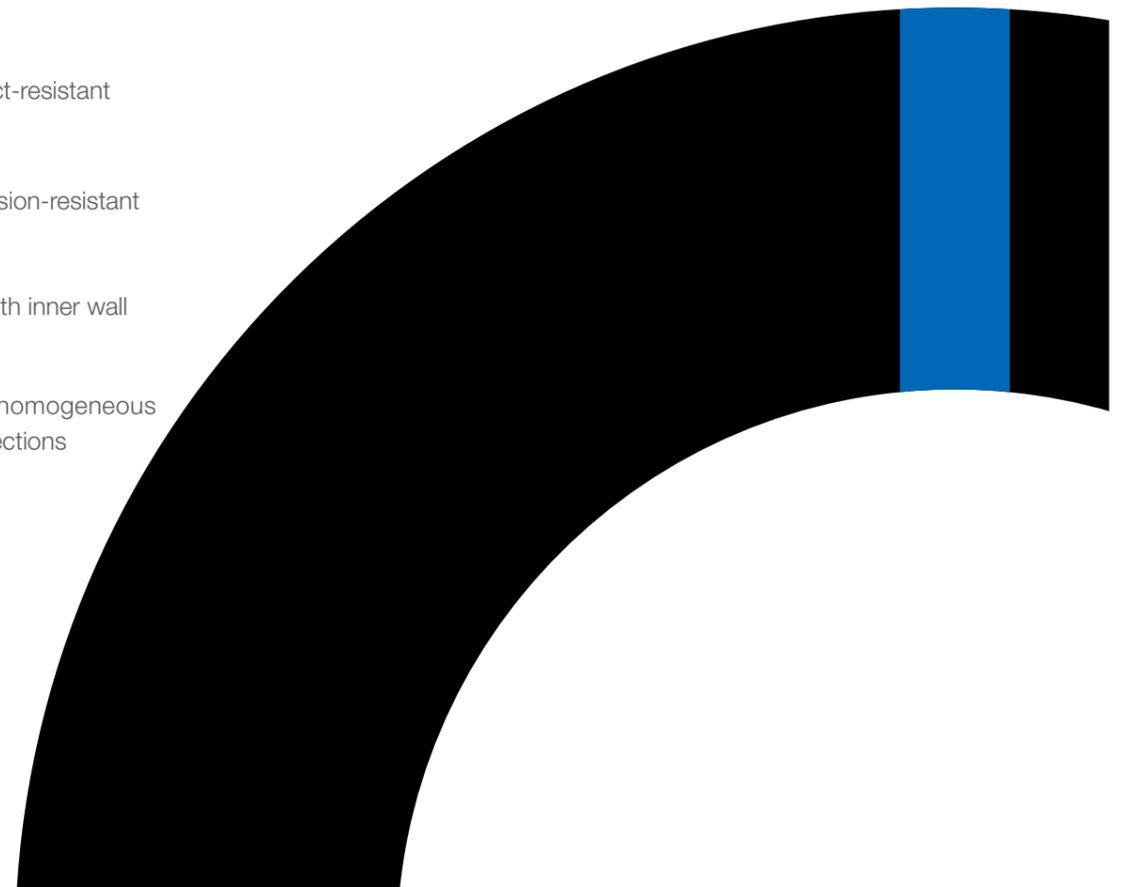
Advantages

Advantages of RIIFO PE pipes

- 
Clean and non-toxic
- 
Impact-resistant
- 
Corrosion-resistant
- 
Smooth inner wall
- 
Safe homogeneous connections
- 
50 years product lifespan

Advantages of RIIFO PE fittings

- 
Clean and non-toxic
- 
Impact-resistant
- 
Corrosion-resistant
- 
Smooth inner wall
- 
Safe homogeneous connections



HONOR & CERTIFICATES

RIIFO always focuses on product quality and strictly manages production process--thereby winning much recognition from our customers.

Group honor



Product Certification



Certification Body	Nation	Certification Number	Approved Standard	Covered Products	Approved Dimensions	Application Areas
DVGW	German	DW-8501CS0420	W534, W542	B+F1C system	1216, 1620, 2026	Potable water
		DW-8501BQ0166	W534, W542	B+F5 system	1216, 1620, 2025, 2632	Potable water
		DW-8236BP0451	W542, W270	B pipe	1216, 1620, 2025, 2026, 2632	Potable water
		DW-8501DN0124	W534	B+F18 (H profile)	1216, 1620, 2025, 2026, 2632	Potable water
		DW-8501DN0268	W534	B+F18 (TH profile)	1216, 1620, 2025, 2026, 2632	Potable water
		DW-8501DN0269	W534	B+F18 (U profile)	1216, 1620, 2025, 2026, 2632	Potable water
		DW-8501CU0174	W534	PP-R fitting (Green Only)	1620, 2025, 2632 (SDR6=S2.5)	Potable water
		DW-8317CU0153	W544	PP-R pipe (Green Only)	20-63 (SDR6=S2.5)	Potable water
		DW-8317CU0154	W544	PP-R pipe (Green Only)	75-160 (SDR6=S2.5)	Potable water
		HW-1002DN0205	KTW-BWGL	PP-R fitting (Green Only)	1620, 2025, 2632 (SDR6=S2.5)	Potable water
		HW-1002DN0204	KTW-BWGL	PP-R pipe (Green Only)	20-63 (SDR6=S2.5)	Potable water
		HW-1002DN0206	KTW-BWGL	PP-R pipe (Green Only)	75-160 (SDR6=S2.5)	Potable water
		HW-1001DN0245	KTW-BWGL	B+F1C system	1216, 1620, 2026	Potable water
		HW-1001DN0376	KTW-BWGL	B pipe	1216, 1620, 2025, 2026, 2632	Potable water
HW-1001DN0246	KTW-BWGL	B+F5 system	1216, 1620, 2025, 2632	Potable water		
ACS	France	18 MAT LY 210	XP P41-250	B1 pipe	all dimensions	Potable water
		20 ACC LY 429	XP P41-250	F1C	all dimensions	Potable water
		24 ACC LY 074	XP P41-250	F5+F8	all dimensions	Potable water
		20 ACC LY 430	XP P41-250	F9	all dimensions	Potable water
		20 ACC LY 431	XP P41-250	F18	all dimensions	Potable water
AFNOR	France	81323	NF EN ISO21003	B1+F5/F1C//F8/F9/F18 system	B1+F5/F18(DN16-75). B1+F1C/F8/F9(DN16-32)	Potable water
CSTB	France	QB-266-2009	NF EN ISO21003	B1+F5/F1C//F8/F9/F18 system	B1+F5/F18(DN16-75). B1+F1C/F8/F9(DN16-32)	Potable water

Certification Body	Nation	Certification Number	Approved Standard	Covered Products	Approved Dimensions	Application Areas
AENOR	Spain	001/006680	UNE EN ISO 15874-1/2:2013	PP-R pipe	S2.5/3.2/5.0 DN20-110	Hot and cold water
		001/006720	UNE EN ISO 15874-1/5:2013	PP-R + F12	S2.5/3.2/5.0 DN20-110	Hot and cold water
		001/006719	UNE EN ISO 15874-1/3:2013	F12	DN 20-110	Hot and cold water
		001/005976	UNE EN ISO 21003	B+F5 system	14x2.0, 16x2.0, 20x2.5, 18x2.0, 25x2.5, 32x3, 40x3.5, 50x4.5, 63x6, 75x7.5	Potable water and heating
		001/006754	SANS 21003:2008	B+F5 system	14x2.0, 16x2.0, 20x2.5, 18x2.0, 25x2.5, 32x3, 40x3.5, 50x4.5, 63x6, 75x7.5	Potable water and heating
		001/006700	UNE53008.1-2014 (similar with ISO17484)	DB1(black)+F5	DN16-32	Gas
		001/007196	UNE53008.1-2014 (similar with ISO17484)	DB1(black)+F9	DN16-32(F9)	Gas
		001/006561	UNE53008.1-2014 (similar with ISO17484)	B1(yellow)+F5 system	DN16-50(F5)	Gas
		001/007195	UNE53008.1-2014 (similar with ISO17485)	B1(yellow)+F9 system	DN16-32(F9)	Gas
		001/005975	UNE EN ISO21003	B1+F5 system	40x3.5, 50x4.5, 63x6, 75x7.5 (class1,2,4,5/6bar)	Potable water and heating
		001/007357	UNE EN ISO21003	B1+F5 system	14x2.0, 16x2.0, 20x2.5, 18x2.0, 25x2.5, 32x3 (class1,2,4/10bar class5/6bar)	Potable water and heating
		001/007416	UNE EN ISO21003	B1+F18 system	14x2.0, 16x2.0, 20x2.5, 25x2.5, 26x3.0, 32x3 (class1,2,4/10bar class5/6bar)	Potable water and heating
		001/006703	SANS 21003:2008	B1+F5 system	40x3.5, 50x4.5, 63x6, 75x7.5 (class1,2,4,5/6bar)	Potable water and heating
		001/007358	SANS 21003:2008	B1+F5 system	14x2.0, 16x2.0, 20x2.5, 18x2.0, 25x2.5, 32x3 (class1,2,4/10bar class5/6bar)	Potable water and heating
		001/007417	SANS 21003	B1+F18 system	14x2.0, 16x2.0, 20x2.5, 25x2.5, 26x3.0, 32x3 (class1,2,4/10bar class5/6bar)	Potable water and heating
		001/006959	UNE EN ISO 21003	B1+F1C system	15x2, 22x2.5	Potable water and heating

Certification Body	Nation	Certification Number	Approved Standard	Covered Products	Approved Dimensions	Application Areas		
SAI GLOBAL	Australian	SMK02564 FOR Gas	AS4176.8&ISO17484	B1/C+F1C/F5/F8 system	B1: 1216, 1620, 2025, 2632, 3240, 4150, 5163 C: 1014, 1216, 1418, 1620, 2025, 2026, 2632	Gas		
		WMKA02564 FOR Water	AS4176.2, AS4176.3	B1+F5b/F5c/F6b/F6c/F7b/F7c/F8b/F8c system	0912, 1216, 1620, 2025, 2632, 3240, 4150, 5163	Potable water and heating		
		SMKP21995	ISO 17484-1:2014	B1/C+F1C/F5/F8	B1: 1216, 1620, 2025, 2632, 3240, 4150, 5163 C: 1014, 1216, 1418, 1620, 2025, 2026, 2632	Gas		
		WMKA021344	AS2492(PIPE): 2007	PEXb / PEXa	PEXa: 16x2.0, 16x2.2, 20x2.3, 20x2.8, 25x2.8, 25x3.5, 32x3.6, 32x4.4 PEXb 100: 16x2.0, 16x2.2, 20x2.0, 20x2.3, 20x2.8, 25x3.5, 25x2.5, 25x2.8, 32x3.0, 32x3.8, 32x4.4 PEXb 80: 16x2.0, 16x2.2, 32x3.8, 16x2.0, 20x2.0, 20x2.3, 20x2.8, 25x3.5, 25x2.5, 25x2.8, 32x3.0, 32x4.4	Potable water		
		WMKA21740	AS2537(fittings)	F16g/F16b/F16c/F17/F5b/F5c/F6b/F6c/F7b/F7c/F8b/F8c/PF2b/PF2c/PF6b/PF6c	DN16-32	Potable water		
		WMK26137	AS 3688:2016 (copper adapter)	F5b(Cu)/F7b(Cu)/F8b(Cu)/PF2(Cu)/F3(Cu)	DN16-32	Potable water		
		SMK26137	AS 3688:2016 (copper adapter)	F5b(Cu)/F3(Cu)/F8(Cu)	DN16-32	Gas		
		SMKP25630	NBR 15939-1:2011	PEXb PEXb/EVOH PF3	PEXb: 12x1.1, 16x1.5, 16x1.8, 20x1.9 PEXb/EVOH: 12x1.1, 16x1.5, 16x1.8, 20x1.9, 25x2.3, 32x2.9	potable water		
		WMK26347	AS/NZS1260:2017	PVC fitting F30	DN40-100	Drainage		
		WMK26546	WMTS 012:2018	In-line valves	DN 15/20/32/40/50	Potable water		
		AGA	Australian	7563	AS4617	fitting ball valves	GAS fitting and valves	gas
		NSF	USA	74631-18R	ASTM F1281, CSA B137.10	F1-G, F5-G	1/2"~2-1/2"	Potable water and heating
					ASTM F1807, CSA B137.5	PF5-G	3/8" - 2-1/2"	Potable water and heating
					ASME A112.4.14 /CSA B125.3	PEX ball valve	1/2" - 1 1/4"	Potable water and heating
ASTM F1960, CSA B137.5	PF6				1/2"~2"	Potable water and heating		
ASTM F877, CSA B137.5	PF15 & PF15II				1/8" - 2 1/2"	Potable water and heating		
CSA B137.5, ASTM F877(FN16), ASTM F1807(FN9)	FN9, FN16 manifold				FN9-1F-3/4*n FN9-1F-3/4*n (Ni) FN16-1F-3/4*n	Heating		
ASTM F1960, CSA B137.5	PF6u (PPSU)				3/8" - 3"	Potable water and heating		
ASTM F2159, CSA B137.5	PF5u (PPSU)				3/8" - 1"	Potable water and heating		
ASTM1281, CSA B137.10	B1 pipe	1/2" - 1" (black, blue, natural, orange, red, and white)	Potable water and heating					

Certification Body	Nation	Certification Number	Approved Standard	Covered Products	Approved Dimensions	Application Areas
NSF	USA	74631-18R	ASTM F876/877 CSA B137.5	PEXa 5106	1/2", 5/8", 3/4", 1" (2layers in red, blue, white)	Potable water and heating
			ASTM E84 CAN/ULC S102.2	PEXb	3/8", 1/2" - 2" blue, natural, red, and white	Surface Burning Characteristics of Building Materials
			NSF 61	PP-R/F-PP-R/PP-R Fitting (Green Only)	20mm - 160mm	Potable water
			ASTM F1960 CSA B137.5	RIFENG PEX Ring with Stop	3/8" - 2"	/
KIWA	Netherlands	KIP-103315/01	ISO 18225:2012	B1+F5 system	1216, 1620, 2025, 2632,	Gas
WRAS	UK	2005323	WRAS specification & BS 6920	B1+F5/F1C system	0912, 1216, 1620, 2025, 2026, 2632 (95, 10Bar)	Potable water and heating
		2012038	WRAS specification & BS 6920	F17	16-32	Cold water system
		2312023	WRAS specification & BS 6920	FS5 manifold	3/4", 1" (95°C , 10Bar)	Potable water and heating
		2310918	WRAS specification & BS 6920	B1+F18 system	40-75	Cold water system
CE	Europe	TPI.0027	305/2011/EU	PP-R pipe	DN20-160	Plumbing
		ATCO.0014	ISO 3633:2002	PVC System	DN32-315	Drainage
		TPI.0021	ISO 21003	PAP system	DN16-75	Potable water and heating
		TPI.0020	EN1112:2008	showers	-	Shower
		TPI.0022	EN 817:2008	faucets	-	Faucets
		TPI.0024	EN 997:2008	toilets	-	Toilets
BIS	India	CM/L-4049757	IS15450	PE/AL/PE (A pipe)	1216, 1620, 2025, 2632	Cold water
STF	Finland	EUF129-21001919- TH	ISO 21003	B1+F5 system	1216, 1620, 2025, 2632, 3240, 4150, 5063	Potable water
EPD	Sweden	S-P-01643-01652	ISO 14025	fitting and pipe	all dimensions listed	-
NYCE	Mexico	NYCE6809	NMX-X-021-SCFI-2014	DC pipe	1216, 1620, 2025, 2632	Gas
		NYCE6813	NMX-X-021-SCFI-2014	F1D	1216, 1620, 2025, 2632	Gas
		NYCE6813	NMX-E-226/2- CNCP-2007	PP-R pipe	DN20-110mm, S3.2(class 16)	Potable water
ICC -ES	USA	PMG-1688	ICC-ES LC 1035-2015 ASTM F1281	B1+F1 system	0712, 0912, 1216, 1418, 1620, 1825, 2025, 2632	Refregeration
SNI	Indonesia	622210100	SNI 4829.2:2015 ISO 9001:2015	PE pipe	DN20-500 (PN 6.3/8/10/12.5/16, PE100)	Drinking water

Certification Body	Nation	Certification Number	Approved Standard	Covered Products	Approved Dimensions	Application Areas
CESMEC	Chile	SCA-70506	NCh 2607 Of. 2007	PF3	16-32	Drinking water
		SCA-70507	NCh 3011/2:2007	F5, F18	16-32	Drinking water
		SCA-70508	NCh 3151/2:2018 ISO 15874/5	PP-R fitting (green/grey)	DN20-160	Drinking water
		SCA-70510	NCh 784/1:2008	Metallic valve	-	Drinking water
		SCA-70511	NCh 784/2:2008	PP-R valve	-	Drinking water
		SCA-70512	UNE EN ISO 22391/2:2009	B pipe	1216, 1620, 2025, 2026, 2632, 3240, 4150, 5163	Drinking water
		SCA-70513	NCh 3151/1:2018	PP-R pipe (green/grey)	S2.5/3.2/4/5 DN20-160	Drinking water
		SCA-70514	NCh 3151/1:2018	PP-RCT pipe (green/grey)	S2.5/3.2/4/5 DN20-160	Drinking water
		SCA-70942	NCh 2086:2005	PEXb (natural/red/white/blue)	16x1.8, 20x1.9, 25x2.3, 32x2.9	Drinking water
		SISS	Chile	REX-534	NCh 2607 Of. 2007	PF3
REX-540	NCh 3151/1:2018			PP-R pipe (green/grey)	S2.5/3.2/4/5 DN20-160	Drinking water
REX-541	NCh 3151/2:2018 ISO 15874/5			PP-R fitting (green/grey)	DN20-160	Drinking water
REX-542	NCh 2086:2005			PEXb (natural/red/white/blue)	16x1.8, 20x1.9, 25x2.3, 32x2.9	Drinking water
REX-546	NCh 784/2:2008			PP-R valve	-	Drinking water
SGBC	Singapore			SGBP 5118	The Assessment Criteria of Singapore Green Building Product Certification Scheme	PE+F23
		SGBP 5119	PE+F23	PN0.6/0.8/1.0/1.25/1.6 DN20-1200		Drinking water
		SGBP 5120	PE+F23	PN0.6/0.8/1.0/1.25/1.6 DN20-1200		Non-portable water
		SGBP 5121	PP-R+F12	S2.5/3.2/5/6 DN20-160		Sewage
		SGBP 5122	PP-R+F12	S2.5/3.2/5/6 DN20-160		Potable water
		SGBP 5123	PP-R+F12	S2.5/3.2/5/6 DN20-160		Non-portable water



CASE STUDY

“Green” piping for a shared goal: building a greener future

The transition from a resource-consumed development to the more sustainable and greener one has been a prevailing trend in the industrial sector during these years. With a resolute commitment to not only construct today's buildings but also buildings for the next generation, RIIFO uses sustainable practices in every step of its business, from piping production to marketing. This view on sustainable development coincides exactly with that of Indonesia Weda Bay Industrial Park, laying a foundation for cooperation between the two sides.

Indonesia Weda Bay Industrial Park is the first nickel mining and industrial park complex in Indonesia. With a vision of conducting sustainable development and minimizing the emission of greenhouse gases, Indonesia Weda Bay Industrial Park strives to be a world-class industrial park. To meet the requirements for plumbing and electrical safety while constructing in line with the client's values for environmental protection, RIIFO, thereby, provides its piping solution with its PP-R Piping System, PVC Piping System, and PVC Conduit System.



Indonesia Weda Bay Industrial Park in construction

Best-in-class piping for world-class projects

As a nationally strategic project with a large amount of investment, the construction of the industrial park is expected to meet higher and stricter requirements. “The quality of pipes and the supplier strength are important selection criteria. I am very proud that RIIFO can deliver such confidence to clients with its high-quality products and reliable after-sales services,” said Yu Yang, Sales Manager of RIIFO Indonesia.

Plumbing and drainage are important for a large-scale industrial park. A stable water supply means a highly efficient and leakproof plumbing system is required. With various sizes of piping and large-flow fittings, RIIFO PP-R Plumbing System was selected for this project due to its larger flow capacity. Additionally, preventing waterlogging also needs to be approached. RIIFO, thereby, provided its ideal solution—RIIFO Drainage System that allows faster drainage due to its extremely smooth inner wall and features outstanding water tightness.

In addition, as the industrial park will have a huge electricity demand, guaranteeing electrical safety is one of the considerations for this project. RIIFO Conduit System undoubtedly is an ideal solution for this challenge. Featuring high flame retardancy, RIIFO PVC Conduit System can self-extinguish within 30 seconds once leaving the flame. Additionally, with outstanding insulation, the pipes and fittings can resist AC2000 voltage and its insulation resistance can reach more than $1 \times 10^8 \Omega$. In other words, RIIFO PVC Conduit System improves electrical safety with its reliable quality.



Indonesia Weda Bay Industrial Park in construction

To build a greener future together

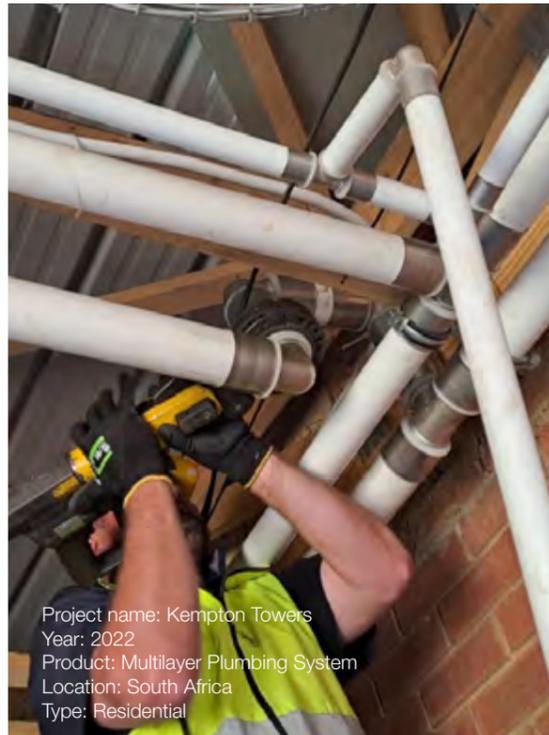
“Green industry to build a greener future.” That's not only the motto of Indonesia Weda Bay Industrial Park but also a goal for RIIFO. This view on sustainable development is fully presented in product selection and supplier selection for this project. Approved by EPD (Environmental Product Declarations), RIIFO PP-R Plumbing System, PVC Drainage System, and PVC Conduit System are proved to be environmentally friendly systems that are in line with this sustainable and green development concept.

Having over 30 distributors in 21 provinces, RIIFO Indonesia has a powerful warehouse and logistics network locally. Apart from offering the best-quality piping products at good prices, RIIFO always strives to support large-scale projects with sufficient in-stock products and highly efficient logistics.

RIIFO powered the construction of Kempton Towers with its one-stop piping solutions



Wearing a helmet and a pair of gloves, Matthew and Clint, the sales managers of RIFENG South Africa Exclusive Agency Team, went out of the construction site after conducting an installation inspection on the piping system. “The construction progress far exceeds the expectation,” Matthew said as he looked up at the 9-story tall Kempton Towers.



Project name: Kempton Towers
Year: 2022
Product: Multilayer Plumbing System
Location: South Africa
Type: Residential

Kempton Towers was a Social Housing Regulatory Authority Project with a specific funding model, funding requirements, and an extremely tight timeframe. This project required a cost-efficient construction solution without compromising on quality. With a trustworthy reputation in the South African market, RIFENG won the bidding through its strength in providing one-stop piping solutions.

“The word ‘one-stop’ means RIFENG has a strong capability to make an extensive product portfolio available,” Clint said. Covering pipes from 16mm to 75mm, the complete product specification enables RIFENG Multilayer Pipe to meet the needs of different applications. Additionally, RIFENG’s capability in keeping both piping and fitting production under its own roof ensures client confidence. “If an entire piping system including both piping and fittings is under one brand, each part of the piping system will be better matched, making a leakproof and reliable piping system a reality.”

One-stop piping solutions not only refer to an extensive product range but also a series of thoughtful services. With the support of a well-developed logistics system and adequate inventory, RIFENG’s products were delivered on time, keeping the project on track under extremely tight deadlines. “To facilitate the installation, our professional sales team also provided on-site training for plumbers and assisted them in speeding up the installation by using electric crimping tools suitable for fittings of various sizes. ”

With high-quality products and world-class services, RIFENG keeps expanding its brand influence in the local market. In 2022, RIFENG’s piping systems have been used in over 20 projects, gaining much recognition from our clients.

RIIFO PE-X serves as a guardian of health in an exclusive healthy lifestyle experience

Located in Costa Mujeres, Mexico, SHA Residences is a unique and exclusive residential destination featuring 11 residences within the SHA Wellness Clinic. Guests can enjoy the Clinic’s lifestyle, high-caliber services, and an optimum state of health & well-being, all within the privacy of SHA Residences. The perfect luxury wellness destination for those seeking a modern and exclusive healthy lifestyle travel experience.

Project name: SHA Wellness Clinic.
Year: 2022
Product: PEX Plumbing System
Location: Mexico
Type: Commercial



Aiming to improve one’s general state of health, the project developer has stringent requirements on every aspect of the construction. All materials used in the building need to be in line with their values: health, innovation, and with nutrition always coming first. With high-quality products and an unwavering resolution to keep every drop of water hygienic and safe, RIIFO was selected as its piping supplier.

RIIFO provided a hygienic and reliable solution for this project, RIIFO PE-X Plumbing System. This system is certified by NSF and features Level 5 chlorine resistance, 100% chlorine resistance at 140°F, so can safely and reliably deliver drinking water long term. In addition, RIIFO Mexico also offered PF5c crimp fittings for the PE-X pipes. They are made of lead-free brass, which is more hygienic and healthier. The quality of the entire PE-X Plumbing System is guaranteed with a 25-year product warranty supported by Allianz Product Liability Insurance.



From PE-X pipes to crimp fittings and plumbing manifolds, a full range of products are available to clients. They can access a whole plumbing system through the one-stop purchasing experience at RIIFO Mexico. In addition, RIIFO Mexico guaranteed delivery through sufficient in-stock products and a highly efficient logistic network. That’s how the piping installation at the SHA Residences project can be completed on time.

Having supplied over 20 large-scale projects in 2022, RIIFO Mexico has won a large amount of praise from its customers since it entered the Mexican market. We’re sure the entire RIIFO Mexico Team will continue to serve their clients better with the most reliable products and best-in-class services.

279 Apartments

Just outside York, one of England's finest and most beautiful historic cities, lies a development of 279 apartments in one of the area's iconic buildings. The development of such an historic building brings challenges unlike those found in a newbuild apartment building, with high ceilings, existing internal structures and challenging site access.

Working with Briggs & Forrester, one of the largest Mechanical & Electrical sub-contractors in the UK, RIIFO UK offered a solution-based approach to the challenges this prestigious installation presented.

The use of RIIFO insulated pipework saved the need for a follow-on sub-contractors to insulate the pipework, saving considerable time and cost. The flexibility, rigidity, and low bend radius of the RIIFO pipe allowed it to be bent around existing roof structures without the need to add joints saving the installers considerable effort. Working with Rifeng HQ, RIIFO UK adopted the 25mm insulated pipe in larger 80m coils which delivered further cost savings and value to the contractor.

RIIFO UK worked closely with the chosen distribution partner to ensure all product was ready and available for a fast start to the installation and followed up with product training for the installer team. As the project progresses, operational management of stock ensures that the installer has what they need readily to hand to maximise the efficiency of the install process and minimise the amount of product on site at any given time.



The award of the order and use of pipe and fittings through RIIFO UK garnered huge recognition with both existing and potential clients and was a powerful announcement of the arrival of RIIFO UK in the building services market.

ADM platinum bay 2019



To make sure the project runs smoothly, a number of issues need to be addressed in the piping system:

1. Ensure that the project can use top-quality materials to match the level of the project.
2. Ensure that these materials can be delivered to site on time.
3. Ensure the longevity and quality of these materials.

RIIFO provided RIIFO PP-R hot water pipe solutions for the project.

RIIFO PP-R pipes and fittings comply with the German DIN standard and are certified by the German DVGW authority. Additionally, the hygiene level of RIIFO PP-R materials meets the requirements of NSF61 from the United States and is certified lead-free, ensuring that the quality used in the project meets the highest international standards. The RIIFO PN20 hot water pipe is suitable for all types of hot water requirements, such as residences and high-end hotels. It meets ISO requirements and can be used continuously for at least 50 years at a high temperature of 70 degrees Celsius.

In terms of distribution, RIIFO arranges door-to-door delivery according to the progress of the project to ensure continuous smooth operation. Delivery on demand, reduces the risk of collision damage when materials are left on site, while also reducing overall management costs for the project.

In regards to a quality guarantee, RIIFO offers a 25-year warranty for the entire system connected with RIIFO pipes and fittings. To double the security, RIIFO has applied for product liability insurance from ALLIANZ, the world's largest insurance company, for all piping products, with a worldwide coverage of 10 million USD.

RIIFO PP-R has been installed in the ADM project and has become an important hidden part of the quality assurance process.



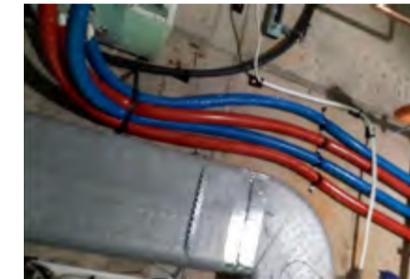
Multilayer Plumbing System



UK

Greenwich, London, England

Project: 160 Apartments
 Type: Residential
 Year: 2022
 Product: Multilayer Plumbing System



Yorkshire, England

Project: 279 Apartments
 Type: Residential
 Year: 2022
 Product: Multilayer Plumbing System



Docklands, London

Project: 180 apartments
 Type: Residential
 Year: 2022
 Product: Multilayer Plumbing System

INDONESIA



Serpong, Banten

Project: Paramount Land Gading Serpong
 Type: Residential
 Year: 2023
 Product: Multilayer Plumbing System

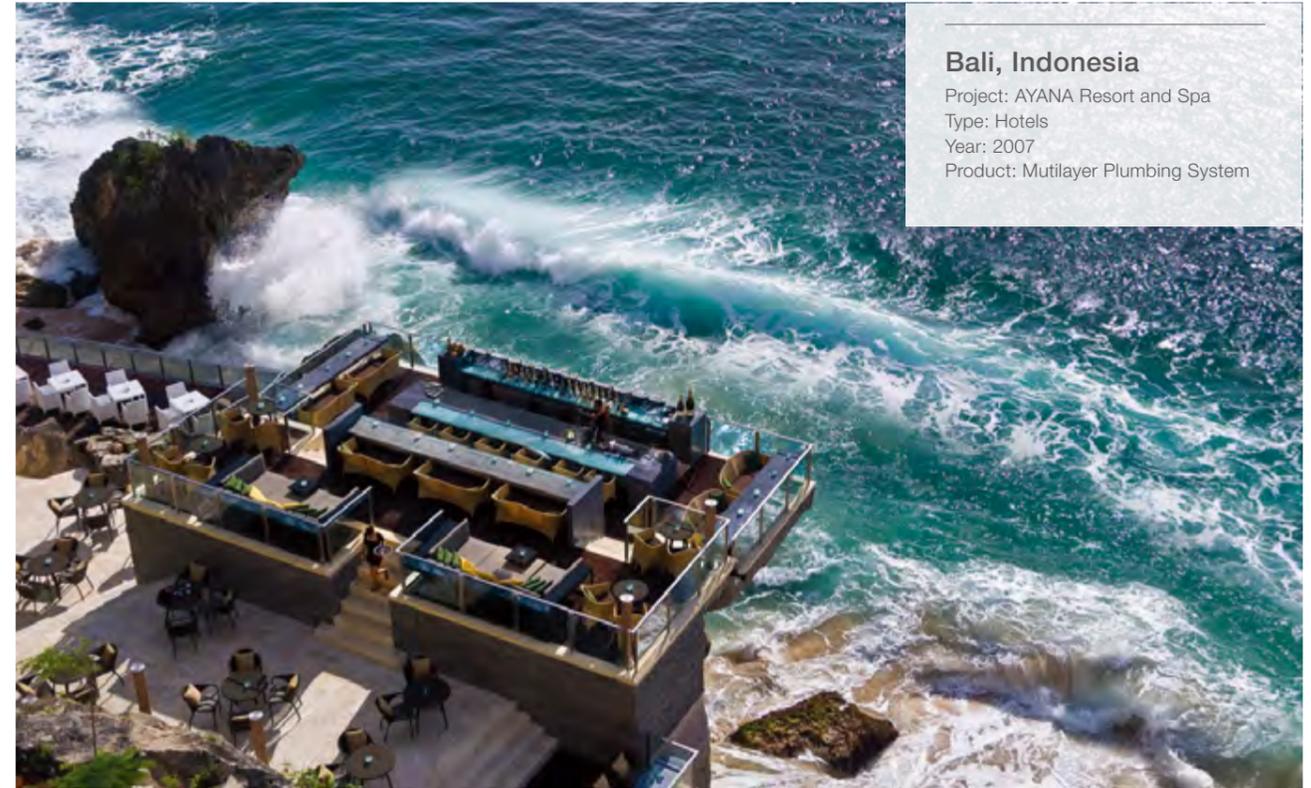
Yogyakarta, D.I Yogyakarta

Project: Jogja International Hospital
 Type: Hospital
 Year: 2021
 Product: Multilayer Plumbing System



Bali, Indonesia

Project: Stone Hotel Bali by Marriot
 Type: Hotels
 Year: 2007
 Product: Multilayer Plumbing System



Bali, Indonesia
 Project: AYANA Resort and Spa
 Type: Hotels
 Year: 2007
 Product: Multilayer Plumbing System



Jakarta, Indonesia

Project: Hotels Harris & Yello
 Type: Hotels
 Year: 2019
 Product: Multilayer Plumbing System



Lampung, Indonesia

Project: Malahayati University
 Type: Education
 Product: Multilayer Plumbing System



Tangerang, Indonesia

Project: PDAM
Type: Commercial
Product: Mutilayer Plumbing System



Jakarta, Indonesia

Project: Dr. Cipto Mangunkusumo Hospital
Type: Health
Year: 2008
Product: Mutilayer Plumbing System



Jakarta, Indonesia

Project: Medistra Hospital
Type: Health
Product: Mutilayer Plumbing System



Tangerang, Indonesia

Project: Burger King
Type: Commercial
Year: 2017
Product: Mutilayer Plumbing System



Bintaro, Indonesia

Project: The Breeze
Type: Residential
Year: 2013
Product: Mutilayer Plumbing System



Jakarta, Indonesia

Project: Dapur Sehat (Sate Khas Senayan)
Type: Commercial
Product: Mutilayer Plumbing System



Bogor, Indonesia

Project: Bumi Gumati
Type: Hotels
Year: 2017
Product: Mutilayer Plumbing System

Cirebon, Indonesia

Project: Hotel Bapontar
Type: Hotels
Product: Mutilayer Plumbing System



Jakarta, Indonesia

Project: Institute Kesehatan Indonesia
Type: Education
Year: 2014
Product: Mutilayer Plumbing System

Batam, Indonesia

Project: Batam University
Type: Education
Product: Mutilayer Plumbing System



Norwich, England

Project: The Fenlands
Type: The Fenlands
Year: 2015
Product: Mutilayer Plumbing System



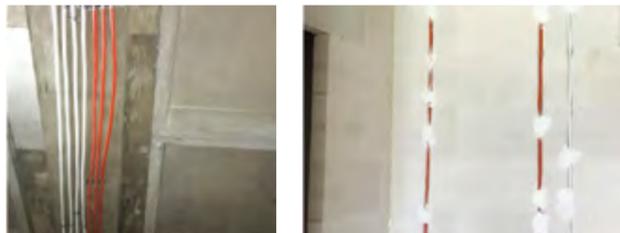
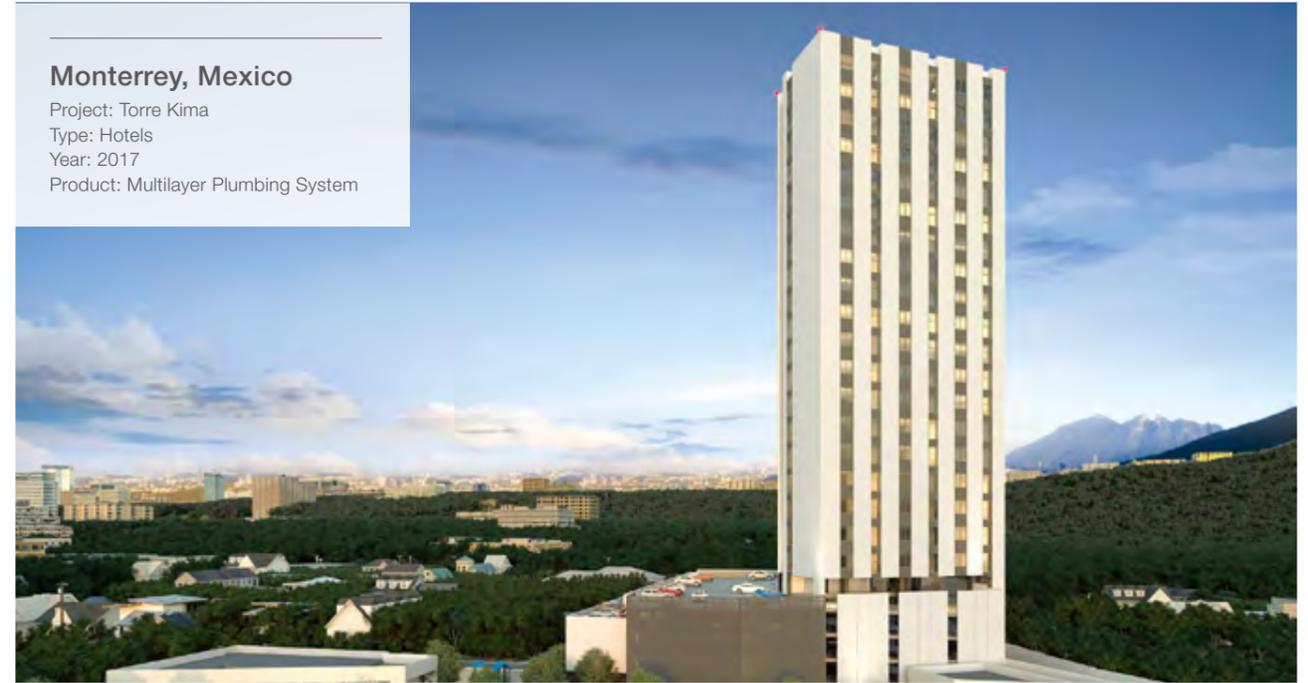
Tangerang, Indonesia

Project: IKEA Store in Indonesia
Type: Commercial
Year: 2014
Product: Mutilayer Plumbing System



Monterrey, Mexico

Project: Torre Kima
 Type: Hotels
 Year: 2017
 Product: Multilayer Plumbing System



Monterrey, Mexico

Project: Torres Saqqara
 Type: Residential
 Year: 2018
 Product: Multilayer Plumbing System

MEXICO

Monterrey, Mexico

Project: Torre KOI
 Type: Residential
 Year: 2017
 Product: Multilayer Plumbing System

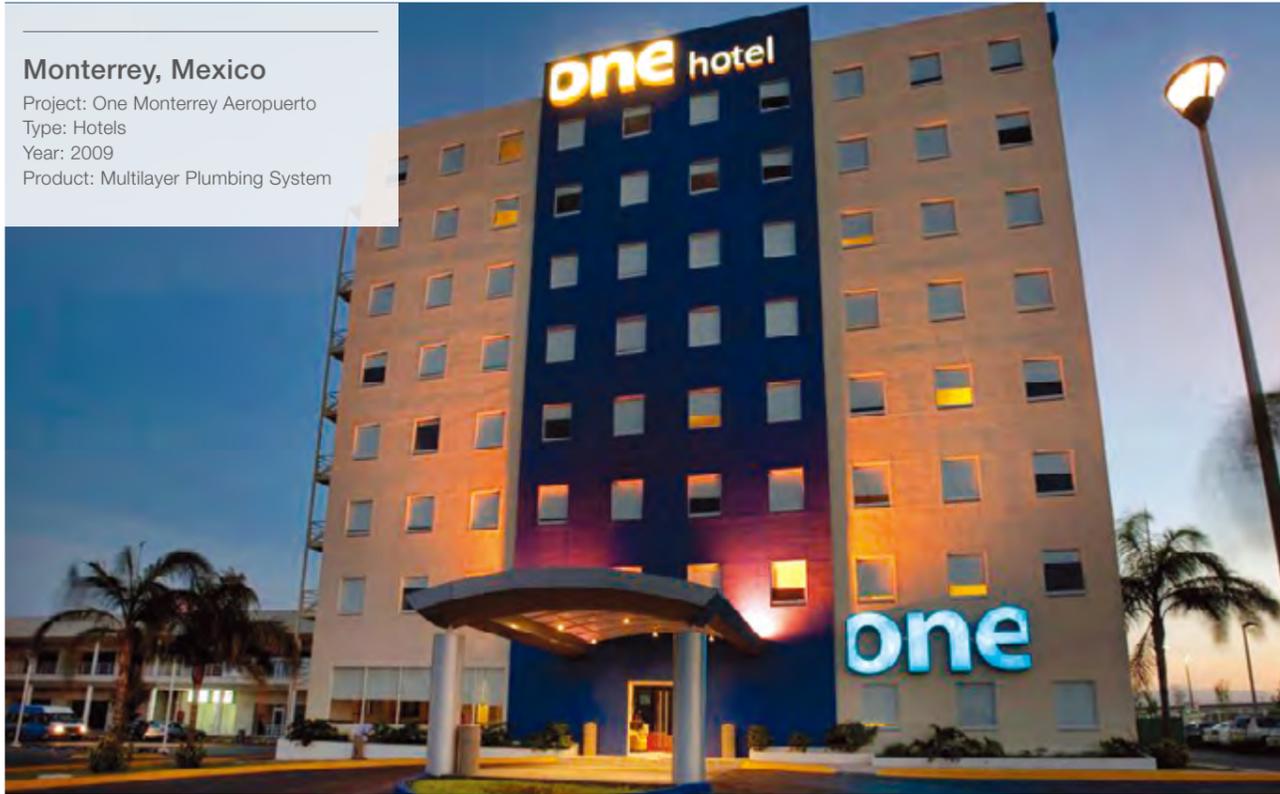


Monterrey, Mexico

Project: Centro Cuauhtemoc
 Type: Residential
 Year: 2019
 Product: Multilayer Plumbing System

Monterrey, Mexico

Project: One Monterrey Aeropuerto
Type: Hotels
Year: 2009
Product: Multilayer Plumbing System



Monterrey, Mexico

Project: Torre Luz
Type: Residential
Year: 2018
Product: Multilayer Plumbing System



SOUTH AFRICA

Johannesburg, South Africa

Project: Munyaka
Type: Residential
Year: 2022
Product: Multilayer Plumbing System



Johannesburg, South Africa

Project: The Blyde Crystal Lagoon
Type: Residential
Year: 2022
Product: Multilayer Plumbing System



Johannesburg, South Africa

Project: Ascend to Midstream
Type: Residential
Year: 2022
Product: Multilayer Plumbing System



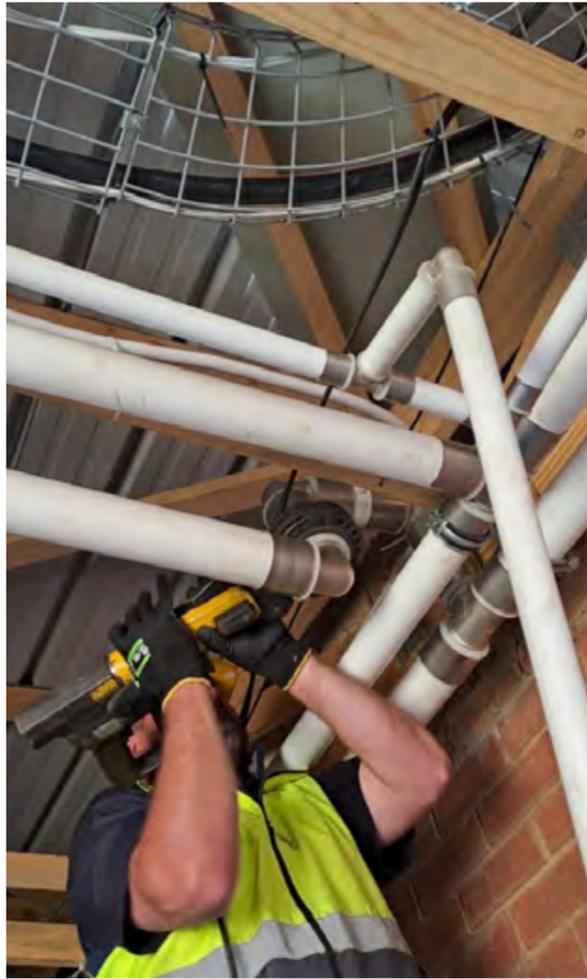
Gauteng, South Africa

Project: Greenfields Molhakeng Heights
Type: Residential
Year: 2022
Product: Multilayer Plumbing System



Cape town, South Africa

Project: Summerview Development
Type: Residential
Year: 2022
Product: Multilayer Plumbing System



Johannesburg, South Africa

Project: Lesego hospital
Type: Public building
Year: 2022
Product: Multilayer Plumbing System



Cape town, South Africa

Project: Oasis Life - Burgundy Estate
Type: Residential
Year: 2022
Product: Multilayer Plumbing System



Johannesburg, South Africa

Project: Kempston Towers
Type: Residential
Year: 2022
Product: Multilayer Plumbing System



Mossel Bay, South Africa

Project: Hartland Lifestyle Estate
Type: Residential
Year: 2022
Product: Multilayer Plumbing System



Johannesburg, South Africa

Project: Princess Plots Site
Type: Residential
Year: 2022
Product: Multilayer Plumbing System



Cape town, South Africa

Project: Bridgewater One, Century City
Type: Residential
Year: 2022
Product: Multilayer Plumbing System



Durban, South Africa

Project: Ocean Sky
 Type: Commercial
 Year: 2020
 Product: Multilayer Plumbing System



Durban, South Africa

Project: Park square
 Type: Commercial
 Year: 2018
 Product: Multilayer Plumbing System



Durban, South Africa

Project: The Pearls Of Umhlanga
 Type: Residential
 Year: 2017
 Product: Multilayer Plumbing System



Durban, South Africa

Project: Calgro residential
 Type: Residential
 Year: 2016
 Product: Multilayer Plumbing System



Durban, South Africa

Project: MSP residential
 Type: Residential
 Year: 2017
 Product: Multilayer Plumbing System



Durban, South Africa

Project: Discovery Building
 Type: Commercial
 Year: 2017
 Product: Multilayer Plumbing System



Port Elizabeth, South Africa

Project: The Radisson Port Elizabeth
 Type: Hotels
 Year: 2019
 Product: Multilayer Plumbing System



Durban, South Africa

Project: Discovery Building
 Type: Commercial
 Year: 2017
 Product: Multilayer Plumbing System

TANZANIA



Dar es Salaam, Tz

Project: PSPF Twin Tower
 Type: Commercial
 Year: 2016
 Product: Multilayer Plumbing System



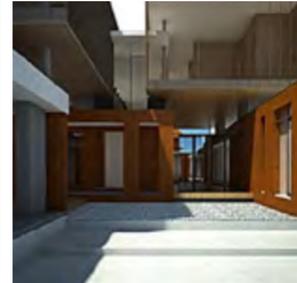
Dar es Salaam, Tz
 Project: Tanzania Port Authority – TPA
 Type: Commercial
 Year: 2016
 Product: Multilayer Plumbing System

ETHIOPIA



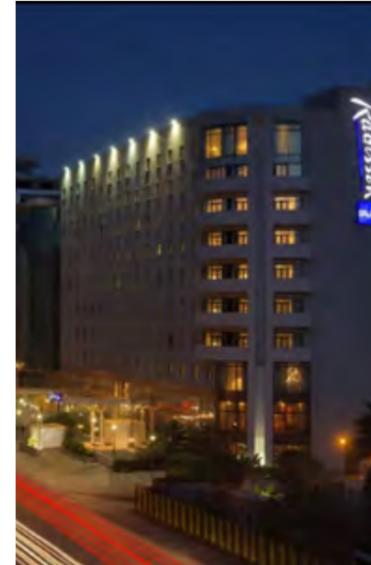
Addis Ababa, Ethiopia
 Project: Grandview Addis
 Type: Residential
 Year: 2020
 Product: Multilayer Plumbing System

THAILAND

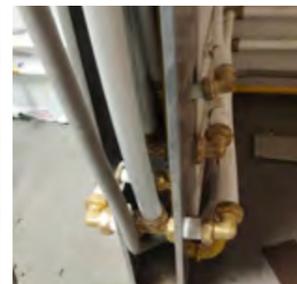


Bangkok
 Project: Home Building (Srinakarin)
 Type: Residential
 Year: 2022
 Product: Multilayer Plumbing System

Nonthaburi
 Project: Home Building (Sai Ma)
 Type: Residential
 Year: 2022
 Product: Multilayer Plumbing System



Addis Ababa, Ethiopia
 Project: Radisson Blu Hotel
 Type: Commercial
 Year: 2020
 Product: Multilayer Plumbing System



Suphan Buri
 Project: Cold Storage System at F&F Food Co Ltd
 Type: Infrastructure
 Year: 2022
 Product: Multilayer Plumbing System

Bangkok
 Project: Sukiya Restaurant
 Type: Residential
 Year: 2022
 Product: Multilayer Plumbing System



Addis Ababa, Ethiopia
 Project: Rockstone Kefita Project
 Type: Residential
 Year: 2021
 Product: Multilayer Plumbing System



Addis Ababa, Ethiopia
 Project: Yadot Tower project
 Type: Commercial
 Year: 2022
 Product: Multilayer Plumbing System



Baku, Azerbaijan
 Project: International Central Bus Station
 Type: Public Buildings
 Year: 2009
 Product: Multilayer Plumbing System



Addis Ababa
 Project: Addis life apartment
 Type: Residential
 Year: 2021
 Product: Multilayer Plumbing System



Kazakh region, Azerbaijan
 Project: Gazakh Olympic Sports Complex
 Type: Sport
 Year: 2007
 Product: Multilayer Plumbing System



Addis Ababa, Ethiopia
 Project: Fa Haset Real Estate-
 Highlander Project
 Type: Residential
 Year: 2022
 Product: Multilayer Plumbing System



Baku, Azerbaijan
 Project: Supreme Court of Azerbaijan
 Type: Public Buildings
 Year: 2009
 Product: Multilayer Plumbing System



Baku, Azerbaijan

Project: National Cancer Hospital
Type: Health
Year: 2009
Product: Multilayer Plumbing System



Baku, Azerbaijan

Project: National Health Complex
Type: Health
Year: 2015
Product: Multilayer Plumbing System



Baku, Azerbaijan

Project: Almaz park
Type: Residential
Year: 2014
Product: Multilayer Plumbing System



Sheki, Azerbaijan

Project: Marxal Resort & Spa
Type: Hotels
Year: 2016
Product: Multilayer Plumbing System





Gurd Shola, Ethiopia

Project: Noah Garden Apartment
Type: Residential
Year: 2018
Product: Multilayer Plumbing System

ETHIOPIA



Lebu, Ethiopia

Project: New hope Luxury Apartment
Type: Residential
Year: 2019
Product: Multilayer Plumbing System



Nefassilk Lafto, Ethiopia

Project: Sikamas Mix-use 2 Blocks G+11 Building
Type: Commercial
Year: 2019
Product: Multilayer Plumbing System



Atlas, Ethiopia

Project: Dodi Extension Tower
Type: Residential
Year: 2017
Product: Multilayer Plumbing System+PVC



Kazanchis, Ethiopia

Project: Kazadis Plaza Mix-use G+19 Building
Type: Commercial
Year: 2019
Product: Multilayer Plumbing System



Bisrate Gabriel/Kelem, Ethiopia

Project: Afrovilla Diplomatic Apartment
 3 Blocks G+13 Building
 Type: Residential
 Year: 2019
 Product: Multilayer Plumbing System



Kazanchis, Ethiopia

Project: Highlander Luxury Apartment
 Type: Commercial
 Year: 2019
 Product: Multilayer Plumbing System+PVC



Bole, Ethiopia

Project: MCO Commercial G+17 Building
 Type: Commercial
 Year: 2019
 Product: Multilayer Plumbing System



Kera, Ethiopia

Project: Elita Mix-use G+20 Building
 Type: Commercial
 Year: 2019
 Product: Multilayer Plumbing System+PVC



CMC, Ethiopia

Project: Mezabei 3 Blocks G+9 Building
 Type: Commercial
 Year: 2018
 Product: Multilayer Plumbing System+PVC



Tallin, Estonia
 Project: Green thinking house
 Type: Commercial
 Year: 2018
 Product: Multilayer Plumbing System



Parnu, Estonia
 Project: Hedon Spa & Hotel
 Type: Hotels
 Year: 2014
 Product: Multilayer Plumbing System



Tallin, Estonia
 Project: Woho home
 Type: Residential
 Year: 2018
 Product: Multilayer Plumbing System



ESTONIA



Tallinn, Estonia

Project: MAXIMA Logistics Center
Type: Commercial
Year: 2019
Product: Multilayer Plumbing System



Pärnu, Estonia

Project: Vesiroosi 1 - LVM Kinnisvara
Type: Residential
Year: 2019
Product: Multilayer Plumbing System



Tallinn, Estonia

Project: MEERHOF 2.0
Type: Residential
Year: 2019
Product: Multilayer Plumbing System



Pärnu, Estonia

Project: Pirniaia aedlinnak – Oja 41d
Type: Residential
Year: 2018
Product: Multilayer Plumbing System

Tallinn, Estonia

Project: Suur-Patarei 6
Type: Residential
Year: 2019
Product: Multilayer Plumbing System



Pärnu, Estonia

Project: Wasa Resort
Type: Hotels
Year: 2019
Product: Multilayer Plumbing System



Tallinn, Estonia

Project: Medical Lab SYNLAB in Veerenni 53A
Type: Health
Year: 2019
Product: Multilayer Plumbing System

NETHERLANDS



Utrecht, Netherlands

Project: Domkerk Domtoren
Type: Public Buildings
Year: 2008
Product: Multilayer Plumbing System





PERU

Lima, Peru

Project: Edificio Empresarial Andrés Belaunde
Type: Residential
Year: 2009
Product: Multilayer Plumbing System



Lima, Peru

Project: Condominios Del Aire
Type: Condominios Del Aire
Year: 2006
Product: Multilayer Plumbing System



Piura, Peru

Project: Edificio Loft & Shops
Type: Residential
Year: 2011
Product: Multilayer Plumbing System



Piura, Peru

Project: Edificio Residencial Jacaranda
Type: Residential
Year: 2010
Product: Multilayer Plumbing System



Piura, Peru

Project: Malecón De La Marina 316
Type: Residential
Year: 2011
Product: Multilayer Plumbing System



Piura, Peru

Project: Condominio Parques Santa Margarita
Type: Residential
Year: 2010
Product: Multilayer Plumbing System



Lima, Peru

Project: Condominio Parques De La Huaca
Type: Residential
Year: 2008
Product: Multilayer Plumbing System



Piura, Peru

Project: Edificio Poise
Type: Residential
Year: 2019
Product: Multilayer Plumbing System



Piura, Peru

Project: Edificio Pezet 375
Type: Residential
Year: 2013
Product: Multilayer Plumbing System



Piura, Peru

Project: Edificio El Boulevard 2
Type: Residential
Year: 2012
Product: Multilayer Plumbing System



Piura, Peru

Project: Edificio Alfredo Salazar
Type: Residential
Year: 2010
Product: Multilayer Plumbing System



Piura, Peru

Project: Edificio Vanderghen
Type: Residential
Year: 2011
Product: Multilayer Plumbing System



Piura, Peru

Project: La Muralla Inversiones Inmobiliari
Type: Residential
Year: 2015
Product: Multilayer Plumbing System



Piura, Peru

Project: Edificio Pezet 1945
Type: Residential
Year: 2017
Product: Multilayer Plumbing System



Piura, Peru

Project: Edificio Imperia
Type: Residential
Year: 2018
Product: Multilayer Plumbing System



Piura, Peru

Project: Edificio Boss
Type: Residential
Year: 2018
Product: Multilayer Plumbing System



Piura, Peru

Project: Malecón De La Marina 1124
Type: Residential
Year: 2012
Product: Multilayer Plumbing System

SWEDEN

Solna, Sweden

Project: Arenastaden
Type: Commercial
Year: 2013
Product: Multilayer Plumbing System



Lund, Sweden

Project: Max-Lab
Type: Science
Year: 2016
Product: Multilayer Plumbing System



Malmö, Sweden

Project: HSB Turning Torso
Type: Residential
Year: 2005
Product: Multilayer Plumbing System



Göteborg, Sweden

Project: Stadsbiblioteket
Type: Public Buildings
Product: Multilayer Plumbing System



Ullared, Sweden

Project: Gekas hotel
Type: Hotels
Product: Multilayer Plumbing System





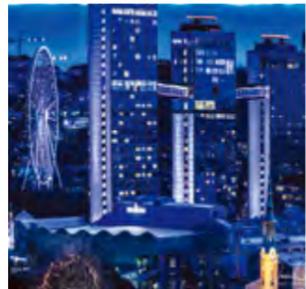
Uppsala, Sweden

Project: Gröna Gränby
Type: Residential
Product: Multilayer Plumbing System



Solna, Sweden

Project: Mall of Scandinavia
Type: Commercial
Year: 2015
Product: Multilayer Plumbing System & Underfloor Heating System



Goteborg, Sweden

Project: Gothia Towers
Type: Hotels
Year: 2009
Product: Multilayer Plumbing System & Underfloor Heating System



Goteborg, Sweden

Project: Sahlgrenska sjukhuset
Type: Health
Product: Multilayer Plumbing System & Underfloor Heating System



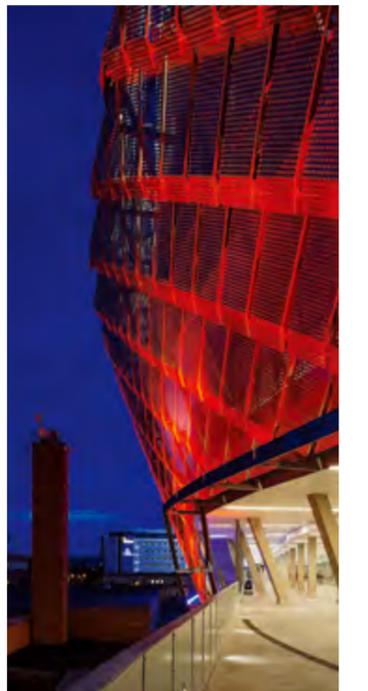
Leksand Municipality, Sweden

Project: Clas Ohlsson Lager
Type: Commercial
Year: 2010
Product: Multilayer Plumbing System



Stockholm, Sweden

Project: Tele 2 Arena
Type: Sport
Year: 2013
Product: Multilayer Plumbing System & Underfloor Heating System





Palampur, Himachal Pradesh, India

Project: Hotel Sarovar Portico
Type: Hotels
Year: 2019
Product: Mutilayer Plumbing System

INDIA

Jalandhar, Punjab, India

Project: Fortune by ITC
Type: Hotels
Year: 2019
Product: Mutilayer Plumbing System



Dharamsala, Himachal Pradesh, India

Project: HPCA Stadium
Type: Sport
Year: 2019
Product: Mutilayer Plumbing System



Jalandhar, Punjab, India

Project: Club Cabbana
Type: Hotels
Year: 2019
Product: Mutilayer Plumbing System



Jalandhar, Punjab, India

Project: Country Inn Hotel
Type: Hotels
Year: 2019
Product: Mutilayer Plumbing System



Jalandhar, Punjab, India

Project: DAV University
Type: Education
Year: 2019
Product: Mutilayer plumbing System



Jalandhar, Punjab, India

Project: DPS School
Type: Education
Year: 2019
Product: Mutilayer Plumbing System



Jalandhar, Punjab, India

Project: Green County
Type: Hotels
Year: 2019
Product: Mutilayer Plumbing System



Jalandhar, Punjab, India

Project: Ramada Hotel
Type: Hotels
Year: 2019
Product: Mutilayer Plumbing System



Jalandhar, Punjab, India

Project: Hamilton Residency
Type: Residential
Year: 2019
Product: Mutilayer Plumbing System



Ludhiana, Punjab, India

Project: AAGAAZ Hotel
Type: Hotels
Year: 2019
Product: Mutilayer Plumbing System



Dharamsala, Himachal Pradesh, India

Project: Hotel Pavillion
Type: Hotels
Year: 2019
Product: Mutilayer Plumbing System

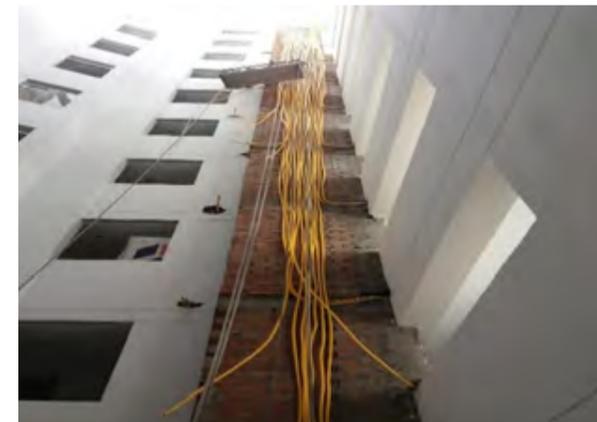
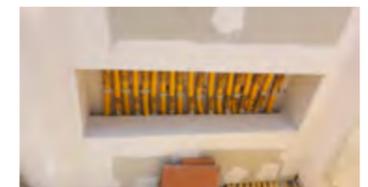
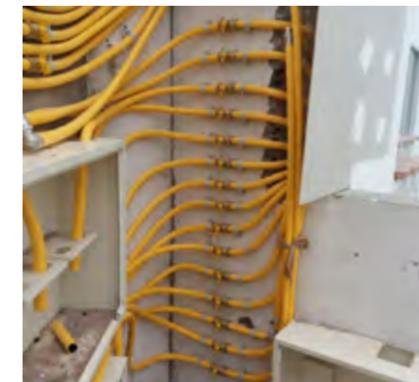


Makhu, Punjab, India

Project: Hero School
Type: Education
Year: 2019
Product: Mutilayer Plumbing System



Multilayer Gas System



PERU

Calle Barcelona 561, Pueblo Libre, Peru

Project: Proyecto Duit
 Type: Residential
 Year: 2022
 Product: GAS Piping System

Los recaudadores, Peru

Project: Proyecto Los Olmos
 Type: Residential
 Year: 2022
 Product: GAS Piping System



Jesús Maria, Peru

Project: Proyecto Nossa
 Type: Residential
 Year: 2022
 Product: GAS Piping System



Los Recaudadores, Salamanca Ate, Peru

Project: Proyecto Residencial Las Tunas
 Type: Residential
 Year: 2019
 Product: GAS Piping System



Chorrillos, Peru

Project: Proyecto Santorini
 Type: Residential
 Year: 2022
 Product: GAS Piping System



Santa Clara, Ate, Peru

Project: Proyecto Condominio SOL DE SANTA CLARA
 Type: Residential
 Year: 2022
 Product: GAS Piping System



Piura, Peru

Project: Edificio Parque Piura
 Type: Residential
 Year: 2019
 Product: Multilayer Gas System



Piura, Peru

Project: Edificio Trinitarias
 Type: Residential
 Year: 2018
 Product: Multilayer Gas System



Los Recaudadores, Ate Vitarte, Peru

Project: Proyecto Multifamiliar Madre Selva
 Type: Residential
 Year: 2019
 Product: GAS Piping System



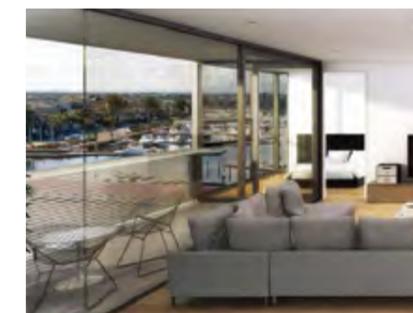
Piura, Peru

Project: Edificio Lares
 Type: Residential
 Year: 2018
 Product: Multilayer Gas System



Melbourne, Australia

Project: Pier One
 Type: Pier One
 Year: 2017
 Product: GAS Piping System



AUSTRALIA



Melbourne, Australia

Project: Nest At The Hill
 Type: Residential
 Year: 2017
 Product: GAS Piping System



Melbourne, Australia

Project: Eltham Leisure Centre
 Type: Sport
 Year: 2018
 Product: GAS Piping System



Melbourne, Australia

Project: Southbank Place
 Type: Residential
 Year: 2017
 Product: GAS Piping System



Brisbane, Australia

Project: Infinity Tower
 Type: Commercial
 Year: 2013
 Product: GAS Piping System



Melbourne, Australia

Project: Quest Apartment Hotels
 Type: Hotels
 Year: 2018
 Product: GAS Piping System
 PEX Plumbing System



Sydney, Australia

Project: Superlot 11
 Type: Residential
 Year: 2018
 Product: GAS Piping System
 PEX Plumbing System



Brisbane, Australia

Project: Ascot Residences
 Type: Residential
 Year: 2018
 Product: GAS Piping System
 PEX Plumbing System



Sydney, Australia

Project: Brodie Spark Drive Wollie Creek
 Type: Residential
 Year: 2014
 Product: GAS Piping System
 PEX Plumbing System



Sydney, Australia

Project: Flour Mill of Summer Hill
 Type: Residential
 Year: 2017
 Product: GAS Piping System
 PEX Plumbing System



Brisbane, Australia

Project: Four Points Hotel
 Type: Hotels
 Year: 2014
 Product: GAS Piping System
 PEX Plumbing System



Queensland,Australia

Project: NEWPORT RETIREMENT VILLAGE
Type: Residential
Year: 2019
Product: Multilayer GAS System+
PEX Plumbing System



Doncaster, Vic, Australia

Project: Summit - Doncaster Hill
Type: Residential
Year: 2019
Product: Multilayer GAS System+
PEX Plumbing System



Northcote, Vic, Australia

Project: Merri Green
Type: Residential
Year: 2019
Product: Multilayer GAS System+
PEX Plumbing System



South Yarra, Victoria, Australia

Project: IGLU Student Accommodation
Type: Residential
Year: 2019
Product: Multilayer GAS System+
PEX Plumbing System



Queensland,Australia

Project: Arcare Aged Centre
Type: Residential
Year: 2019
Product: Multilayer GAS System+
PEX Plumbing System



Homebush Nsw, Australia

Project: Vogue Homebush
Type: Residential
Year: 2019
Product: Multilayer GAS System+
PEX Plumbing System



Envigado, Colombia

Project: ZU 41 21
Type: Residential
Product: GAS Piping System



COLOMBIA



Melbourne, Australia

Project: The Walker Apartments
Type: Commercial
Year: 2014
Product: GAS Piping System
PEX Plumbing System





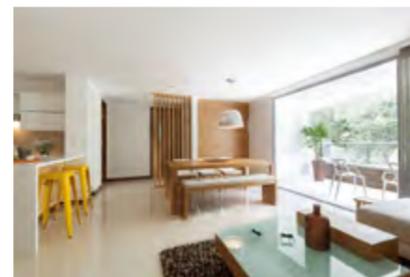
Envigado, Colombia

Project: Lyon
 Type: Residential
 Year: 2016
 Product: GAS Piping System



Medellin, Colombia

Project: Amarelo
 Type: Residential
 Product: GAS Piping System



Medellin, Colombia

Project: Saint Pierre
 Type: Residential
 Product: GAS Piping System



Sabaneta, Colombia

Project: Alameda
 Type: Residential
 Year: 2019
 Product: GAS Piping System



Montevideo, Uruguay
 Project: Diamantis Plaza
 Type: Residential
 Year: 2012
 Product: GAS Piping System



Juan Benito Blanco 604, Uruguay

Project: Bilu Biarritz
 Type: Residential
 Year: 2022
 Product: GAS Piping System

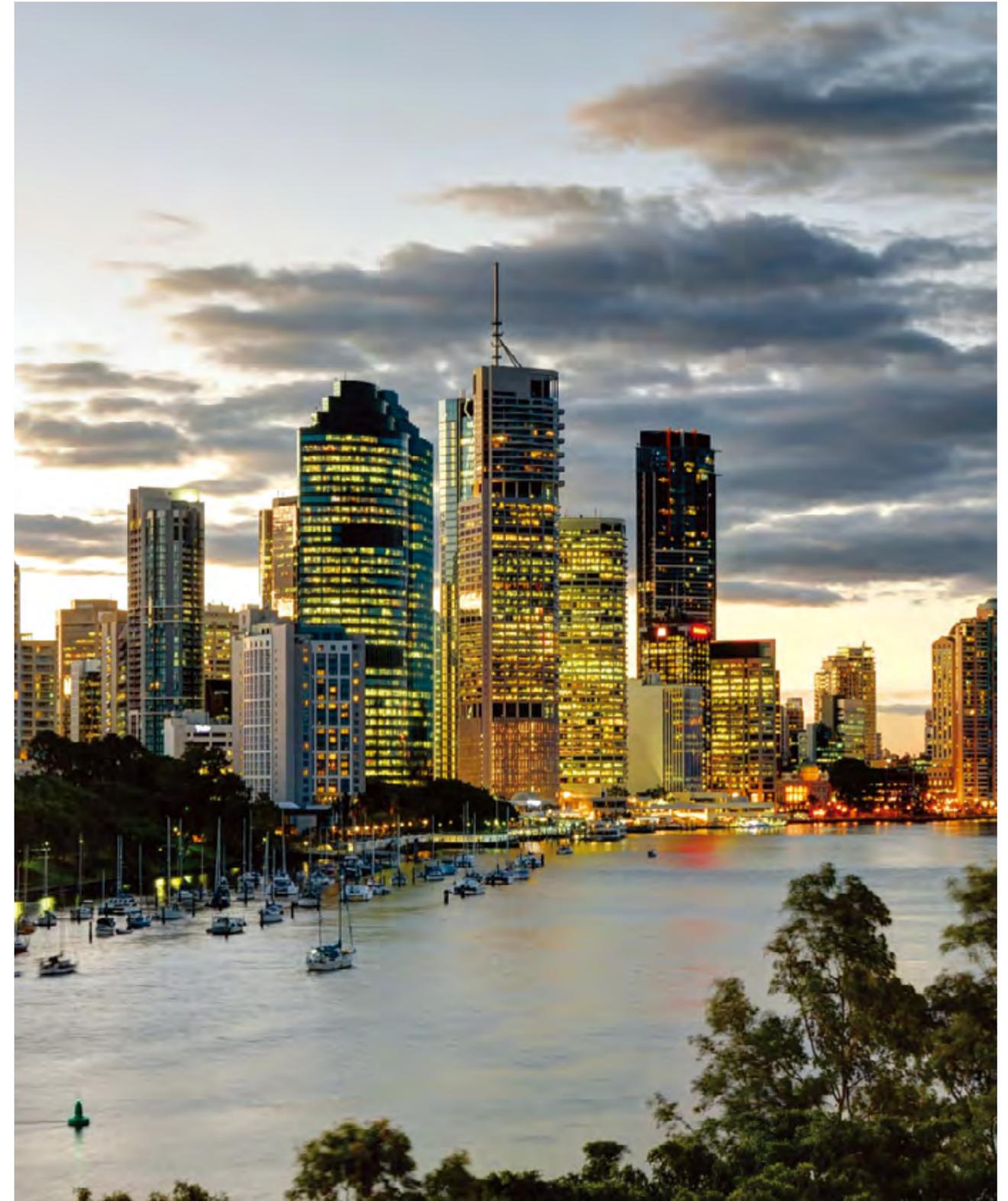
Montevideo, Uruguay

Project: Faros de Carrasco
 Type: Residential
 Year: 2011
 Product: GAS Piping System



Yogyakarta, Indonesia

Project: Uttara the Icon
Type: Residential
Year: 2017
Product: GAS Piping System

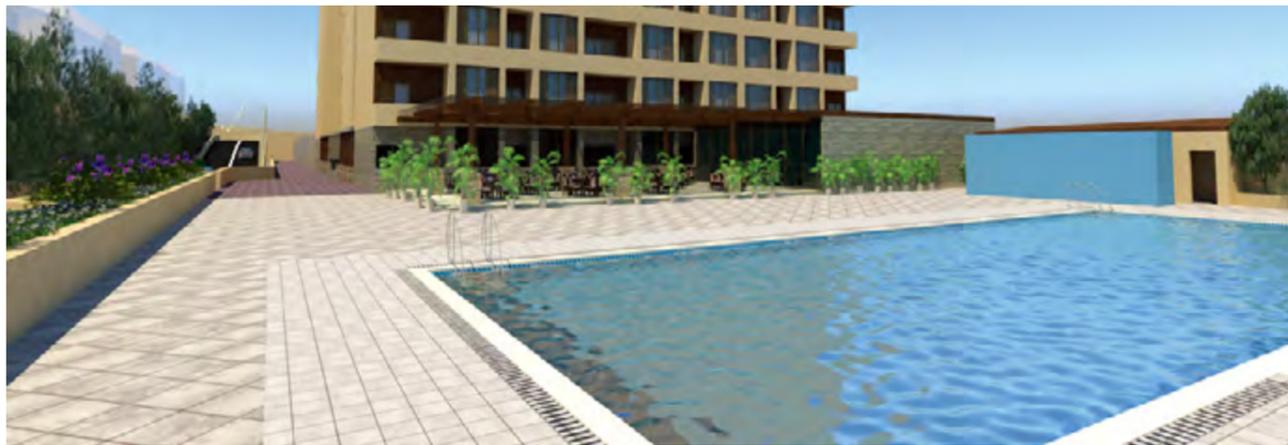


PP-R Plumbing System

GORO, Ethiopia

Project: Sunrise Luxury Apartment
Type: Residential
Year: 2017
Product: PP-R Plumbing
System+PVC

ETHIOPIA



Kazanchis, Addis Ababa, Ethiopia

Project: Amhara Bank headquarter
Type: Commercial
Year: 2022
Product: PP-R Plumbing System



Kazanchis, Addis Ababa, Ethiopia

Project: Social Security Building
Type: Public building
Year: 2021
Product: PP-R Plumbing System



Kazanchis, Addis Ababa, Ethiopia

Project: Social Security Building
Type: Public building
Year: 2021
Product: PP-R Plumbing System



TANZANIA



Dodoma, Tanzania

Project: Ministry Of Education
Science And Technology
Type: Public Buildings
Year: 2023
Product: PP-R Plumbing System
PVC Drainage System, PVC
Conduits & Sanitary Wares



Dodoma, Tanzania

Project: Judiciary of Tanzania Building
Type: Public Buildings
Year: 2023
Product: PP-R Plumbing System
PVC Drainage System, PVC Conduits &
Sanitary Wares



Dodoma, Tanzania

Project: President's Office
Type: Public Buildings
Year: 2023
Product: PP-R Plumbing System
PVC Drainage System, PVC
Conduits & Sanitary Wares

Zanzibar, Tanzania

Project: Meliá Hotel
Type: Commercial
Year: 2023
Product: PP-R Plumbing System
PVC Drainage System, PVC Conduits &
Sanitary Wares

Zanzibar, Tanzania

Project: Morena Hotel
Type: Commercial
Year: 2023
Product: PP-R Plumbing System
PVC Drainage System, PVC Conduits &
Sanitary Wares

COLOMBIA

Jakarta, DKI Jakarta

Project: 279 Apartment
Type: Plubic building
Year: 2021
Product: PP-R Plumbing System





PERU

Lima, Peru

Project: Edificio Mocca
 Type: Residential
 Year: 2017
 Product: PP-R Plumbing System



Lima, Peru

Project: Edificio Multifamiliar Sucre 260
 Type: Residential
 Year: 2017
 Product: PP-R Plumbing System



Lima, Peru

Project: Residencial Sorrento
 Type: Residential
 Year: 2017
 Product: PP-R Plumbing System

PERU



Lima, Peru

Project: Sede Plaza La Tiza
 Type: Residential
 Year: 2017
 Product: PP-R Plumbing System



Lima, Peru

Project: Edificio Multifamiliar Jacinto Lara
 Type: Residential
 Year: 2017
 Product: PP-R Plumbing System



Nakhonsawon, Thailand

Project: 42C Hotel
Type: Hotels
Year: 2019
Product: PP-R Plumbing System



Samui Island, Thailand

Project: Thai International Hospital
Type: Health
Year: 2019
Product: PP-R Plumbing System



Uthai Thani, Thailand

Project: Chantaram Temple
Type: Public Buildings
Year: 2019
Product: PP-R Plumbing System



Bangkok, Thailand

Project: Chidlom Place (Renovate)
Type: Public Buildings
Year: 2018
Product: PP-R Plumbing System



Thailand

Project: Industrial Estate Authority of Thailand (Renovate)
Type: Public Buildings
Year: 2022
Product: PP-R Plumbing System



Bangkok, Thailand

Project: Eye Ear Nose Throat Hospital (Renovate)
Type: Public Buildings
Year: 2021
Product: PP-R Plumbing System

THAILAND



Phatum Thani, Thailand

Project: Green Latex Factory
Type: Commercial
Year: 2019
Product: PP-R Plumbing System



Chon Buri, Thailand

Project: The Hill Pattaya
Type: Hotels
Year: 2019
Product: PP-R Plumbing System



Phuket, Thailand

Project: Millennium Resort Phuket (Renovate)
Type: Public Buildings
Year: 2023
Product: PP-R Plumbing System



Bangkok, Thailand

Project: Thonburi Hospital (Renovate)
Type: Public Buildings
Year: 2022
Product: PP-R Plumbing System



Bangkok, Thailand

Project: Eye Ear Nose Throat Hospital (Renovate)
Type: Public Buildings
Year: 2021
Product: PP-R Plumbing System



Khao Yai ,Thailand

Project: Ozone Hotel
Type: Hotels
Year: 2019
Product: PP-R Plumbing System



Amata City Rayong, Thailand

Project: AUX Thailand Factory
Type: Commercial
Year: 2019
Product: PP-R Plumbing System



Samui Island, Thailand

Project: Sofitel So Samui
Type: Hotels
Year: 2019
Product: PP-R Plumbing System



Ladprao, Bangkok, Thailand

Project: Ther Ladprao93
Type: Residential
Year: 2021
Product: PP-R Plumbing System



Lop Buri, Thailand

Project: NHA Apartment
Type: Residential
Year: 2021
Product: PP-R Plumbing System



Rama II, Bangkok, Thailand

Project: Central Rama II
Type: Public building
Year: 2021
Product: PP-R Plumbing System



Kamala, Phuket, Thailand

Project: ADM Platinum Bay
 Type: Residential
 Year: 2022
 Product: PP-R Plumbing System



Koh-Chang, Trat, Thailand

Project: The Chill Resort Koh-Chang
 Type: Public building
 Year: 2021
 Product: PP-R Plumbing System



Sathorn, Bangkok, Thailand

Project: One City Centre (OCC) Sathorn
 Type: Public building
 Year: 2022
 Product: PP-R Plumbing System



Bangkok, Thailand

Project: RS Tower Parking
 Type: Public building
 Year: 2022
 Product: PP-R Plumbing System



Ayutthaya, Thailand

Project: Central Ayutthaya
 Type: Residential
 Year: 2021
 Product: PP-R Plumbing System



Bangkok, Thailand

Project: Legal Execution Department
 Type: Public building
 Year: 2021
 Product: PP-R Plumbing System

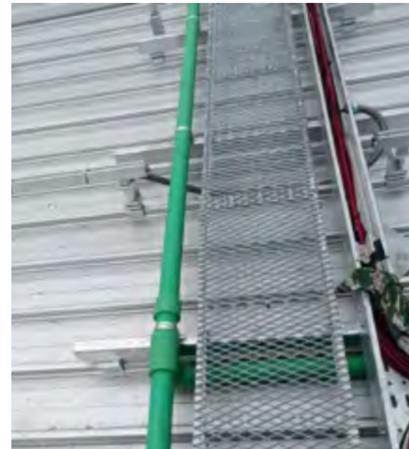
Nonthaburi, Thailand

Project: Home Building (Sai Ma)
 Type: Residential
 Year: 2022
 Product: PP-R Plumbing System



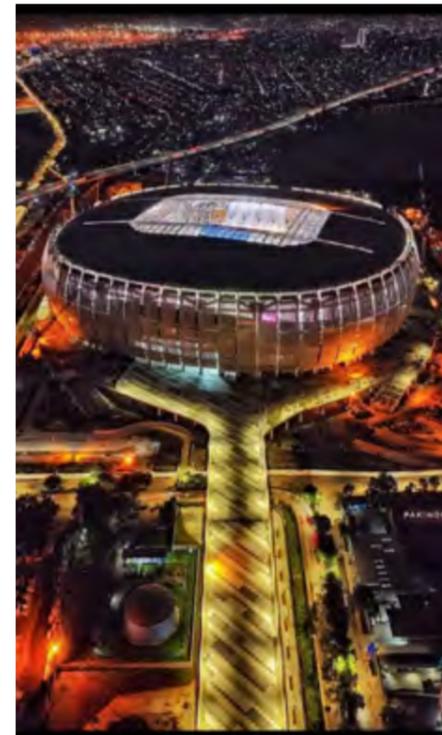
Nonthaburi, Thailand

Project: Cold Storage System at F&F Food Co Ltd
 Type: Infrastructure
 Year: 2022
 Product: PP-R Plumbing System



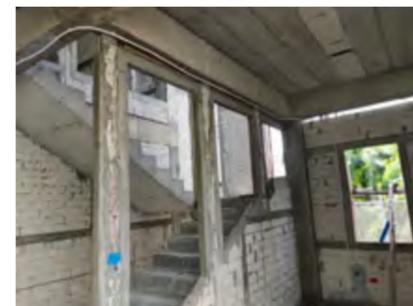
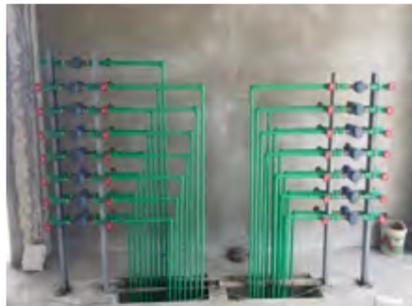
Bangkok, Thailand

Project: Thai Ausnor Solar Project
 Type: Commercial
 Year: 2022
 Product: PP-R Plumbing System

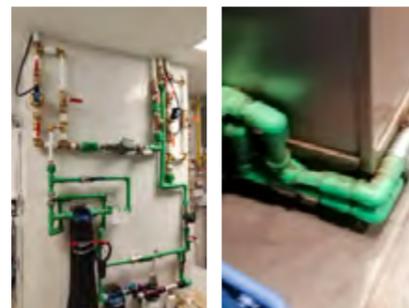


Jakarta, DKI Jakarta, Indonesia

Project: Jakarta International Stadium
 Type: Sport
 Year: 2022
 Product: PP-R Plumbing System



INDONESIA



Bangkok, Thailand

Project: Bile System at Goodland 2021 Co Ltd
 Type: Public building
 Year: 2022
 Product: PP-R Plumbing System

Bangkok, Thailand

Project: Sukiya Restaurant
 Type: Residential
 Year: 2022
 Product: PP-R Plumbing System
 Multilayer Plumbing System

Bangkok, Thailand

Project: Home Building (Srinakarin)
 Type: Residential
 Year: 2022
 Product: PP-R Plumbing System



Yogyakarta, D.I Yogyakarta, Indonesia

Project: PT. Cakramerindo Pratama
 Type: Education
 Year: 2022
 Product: PP-R Plumbing System, Multilayer AC System, PVC Conduit Piping System



Jakarta, DKI Jakarta, Indonesia

Project: Gedung Transformasi Sarinah
Type: Office
Year: 2021
Product: PP-R Plumbing System



Jakarta, DKI Jakarta, Indonesia

Project: Police Academy (STIK-PTIK)
Type: Education
Year: 2021
Product: PP-R Plumbing System



Karawang, Indonesia

Project: Taman Sari Mahogany
Type: Residential
Product: PP-R Plumbing System



Tangerang, Banten, Indonesia

Project: Sky House BSD
Type: Residential
Year: 2022
Product: PP-R Plumbing System
PVC Rigid Conduit System
Multilayer Air-Conditioning Piping System



Bekasi, Indonesia

Project: Metro Galaxy Park
Type: Residential
Year: 2018
Product: PP-R Plumbing System



Bandung, Indonesia

Project: Hegarmanah
Type: Residential
Year: 2017
Product: PP-R Plumbing System



Bekasi, Indonesia

Project: Chadstone Sales Gallery Cikarang
Type: Residential
Year: 2018
Product: PP-R Plumbing System



Jakarta, Indonesia

Project: Celebrity Fitness
Type: Sport
Year: 2003
Product: PP-R Plumbing System



Karawang, West Java, Indonesia

Project: Yangtze Optic Cable Factory
Type: Factory
Year: 2021
Product: PP-R Plumbing System



Bekasi, West Java, Indonesia

Project: Weda Bay Industrial Park
 Type: Factory
 Year: 2022
 Product: PP-R Plumbing System
 PVC Conduit Piping System
 PVC Drainage System



Semarang, Indonesia

Project: Hotel Chanti
 Type: Hotels
 Year: 2017
 Product: PP-R Plumbing System



Medan, North Sumatera, Indonesia

Project: Regina Maris Hospital
 Type: Hospital
 Year: 2022
 Product: PP-R Plumbing System
 PVC Conduit Piping System



Bali, Indonesia

Project: FOX HARRIS Jimbaran Beach
 Type: Hotels
 Year: 2016
 Product: PP-R Plumbing System



Batam, Indonesia

Project: Holiday Inn
 Type: Hotels
 Year: 2010
 Product: PP-R Plumbing System



Karawang, Indonesia

Project: Pesantren Al Binaa
 Type: Education
 Product: PP-R Plumbing System



Jakarta, Indonesia

Project: Plaza Semanggi
 Type: Commercial
 Year: 2004
 Product: PP-R Plumbing System



Bogor, Indonesia

Project: Gunung Putri Square
 Type: Residential
 Product: PP-R Plumbing System



Tangerang, Indonesia

Project: Parkland Avenue
Type: Residential
Product: PP-R Plumbing System



Bandung, Indonesia

Project: Tamansari Tera
Type: Residential
Year: 2018
Product: PP-R Plumbing System



Tangerang, Indonesia

Project: Decathlon Alam Sutera
Type: Commercial
Year: 2017
Product: PP-R Plumbing System



Bekasi, Indonesia

Project: JFE Steel Indonesia
Type: Industry
Year: 2016
Product: PP-R Plumbing System



Cirebon, Indonesia

Project: Mitra Plumbon Hospital
Type: Health
Year: 2003
Product: PP-R Plumbing System



Cirebon, Indonesia

Project: Sutan Raja Guest House
Type: Hotels
Year: 2014
Product: PP-R Plumbing System



Cirebon, Bandung, Tegal, Jakarta, Batam, Indonesia

Project: CGV Cinema
Type: Commercial
Year: 2013
Product: PP-R Plumbing System



Bekasi, Indonesia

Project: PT. Sato Nagatomi
Type: Industry
Year: 2016
Product: PP-R Plumbing System



Bekasi, Indonesia

Project: PT. Nittsu Shoji Indonesia
 Type: Industry
 Year: 2003
 Product: PP-R Plumbing System



Cengkareng, Indonesia

Project: Orchardz Hotel Bandara
 Type: Hotels
 Year: 2014
 Product: PP-R Plumbing System
 Multilayer Plumbing System



Palembang, Indonesia

Project: Wyndham Opi Hotel
 Type: Hotels
 Year: 2017
 Product: PP-R Plumbing System
 Multilayer Plumbing System



Cimanggis, Indonesia

Project: Podomoro Golf View
 Type: Residential
 Product: PP-R Plumbing System



Jakarta, Indonesia

Project: Keraton
 Type: Residential
 Year: 2009
 Product: PP-R Plumbing System
 Multilayer Plumbing System



Cangzhou, China

Project: Cangzhou Museum
Type: Public Buildings
Year: 2010
Product: PP-R Plumbing System

CHINA

Beijing, China

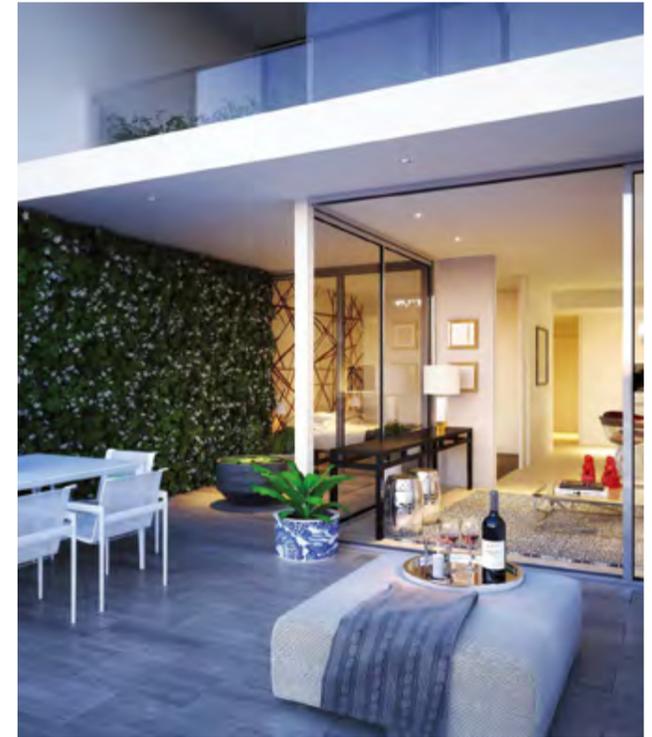
Project: Capital International Airport (T3)
Type: Public Buildings
Year: 2008
Product: PP-R Plumbing System



Nanyang, China

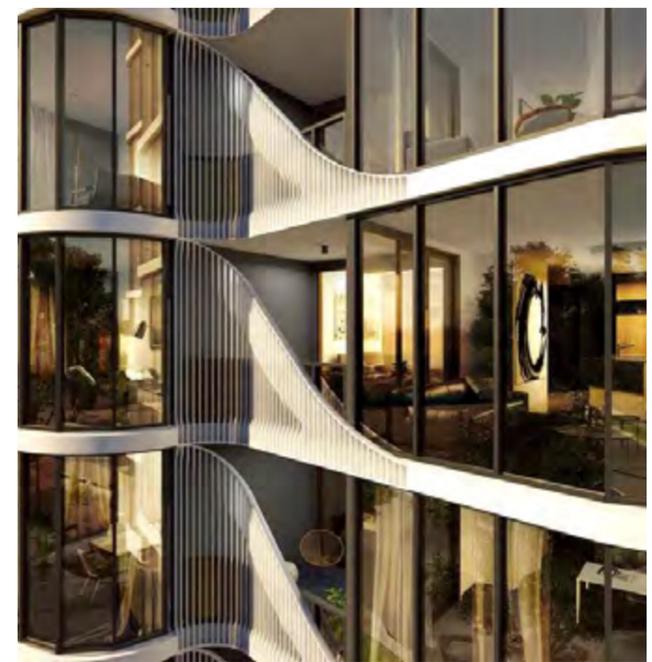
Project: Wanxi Pharmaceutical
Type: Commercial
Year: 2017
Product: PP-R Plumbing System





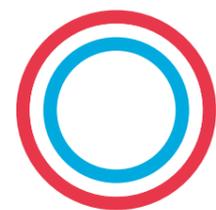
Sydney, Australia

Project: Diamond Apartments
Type: Residential
Year: 2018
Product: PEX Plumbing System



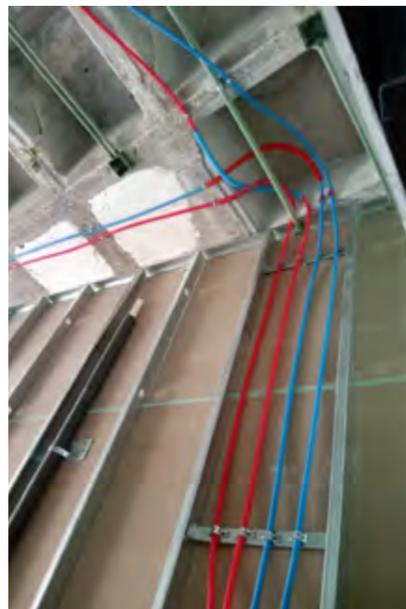
Brisbane, Australia

Project: Aria Valencia Apartments
Type: Residential
Year: 2017
Product: PEX Plumbing System



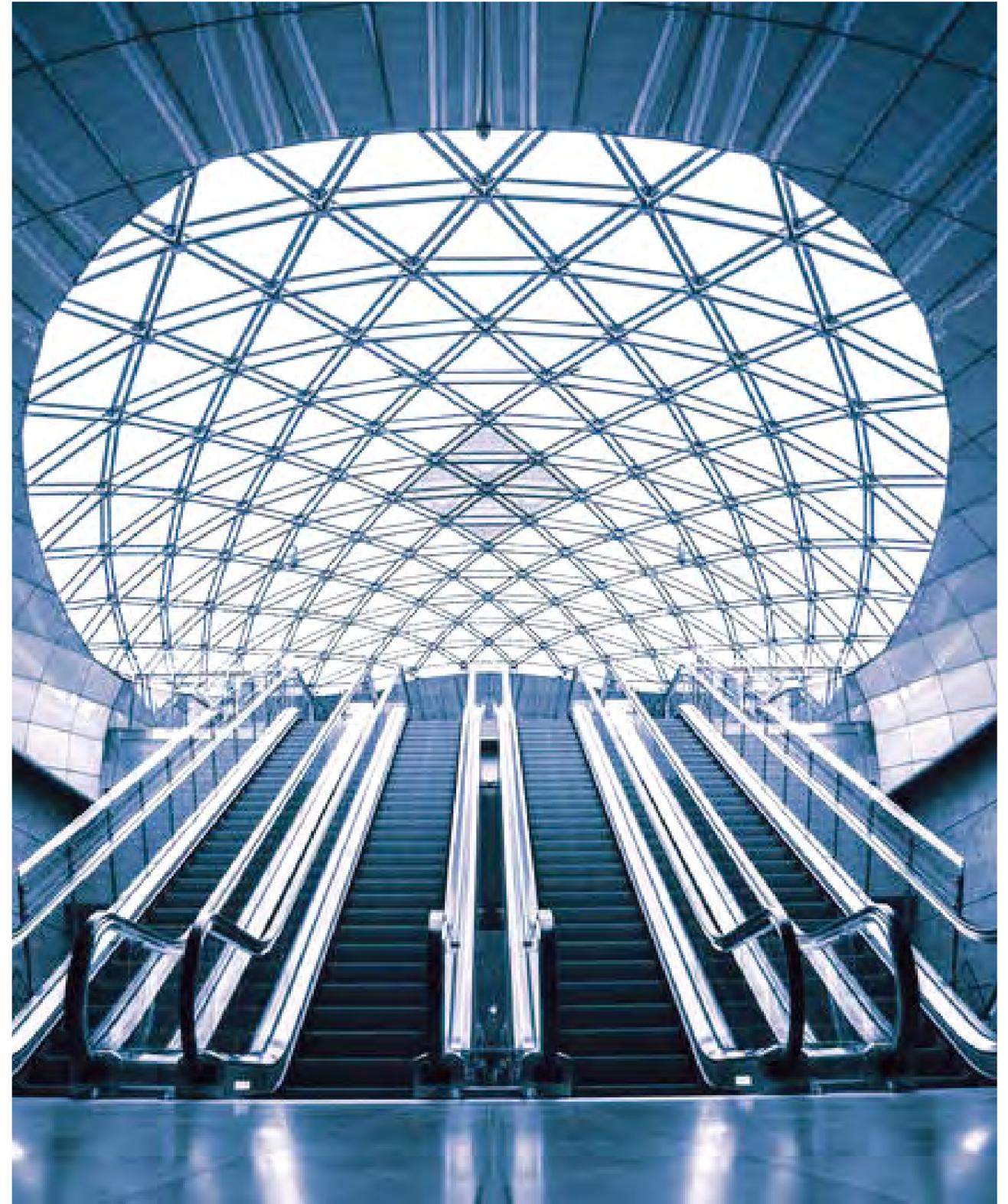
PEX Plumbing System

MEXICO



Cancun, Mexico

Project: Costa Mujeres
Type: Residential
Year: 2022
Product: PEX Plumbing System



Underfloor Heating System



MEXICO

Mexico City, Mexico

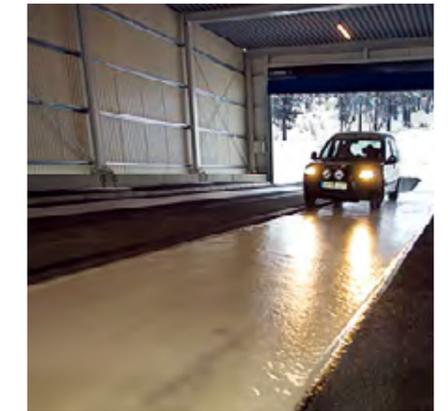
Project: Encinares
Type: Residential
Year: 2018
Product: Underfloor Heating System



SWEDEN

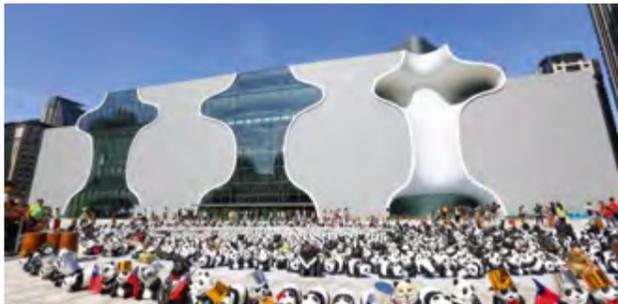
Malmö, Sweden

Project: City Tunneln
Type: Public Buildings
Year: 2010
Product: Underfloor Heating System



Arjeplog, Sweden

Project: Bosch Biltestanläggning
Type: Industry
Product: Underfloor Heating System



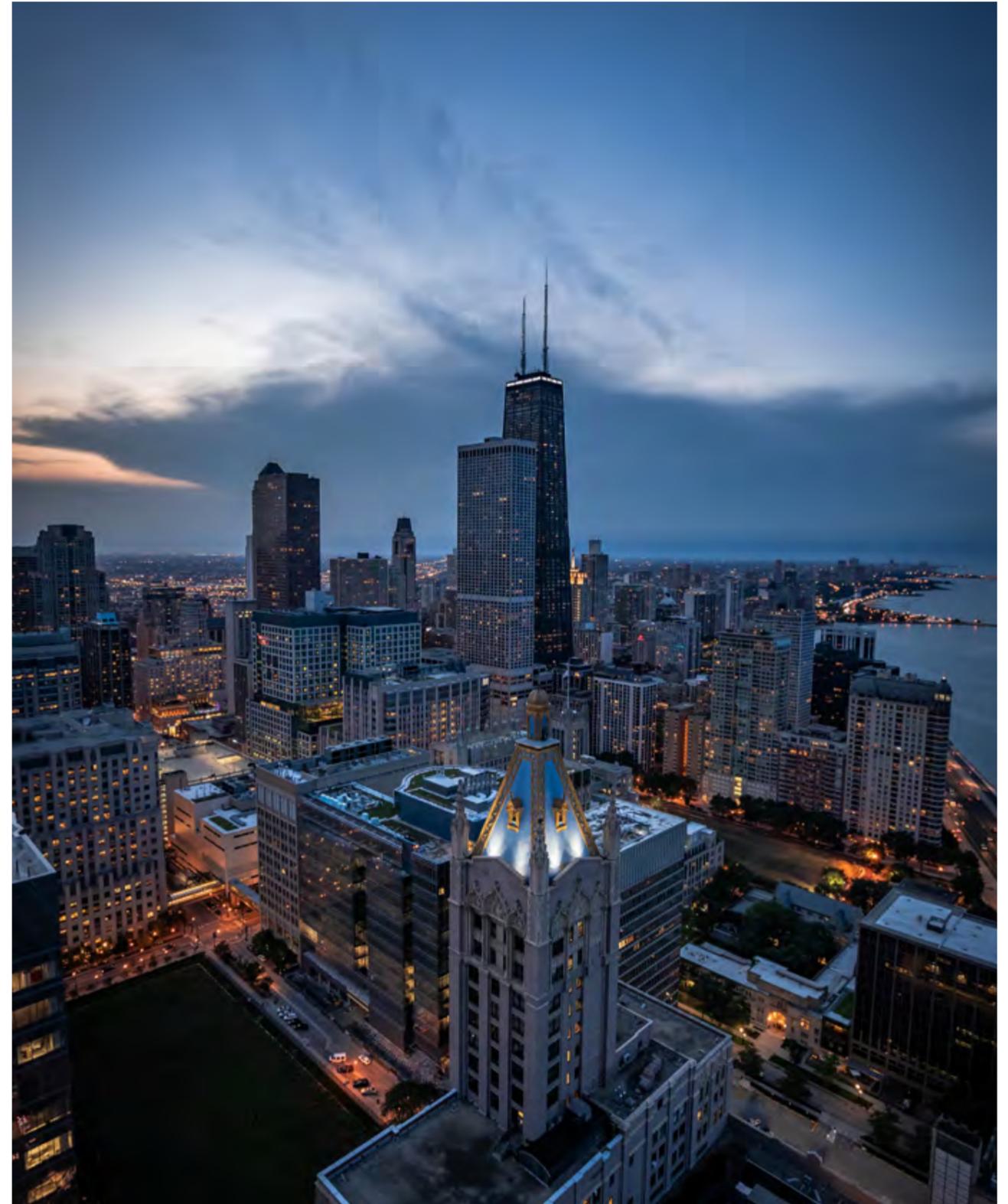
Taichung, Taiwan (CN)

Project: National Taichung Theater
 Type: Public Buildings
 Year: 2014
 Product: Underfloor Heating System



London, UK

Project: 3 sutherland Rd
 Type: Residential
 Year: 2015
 Product: Underfloor Heating System



PVC Conduit



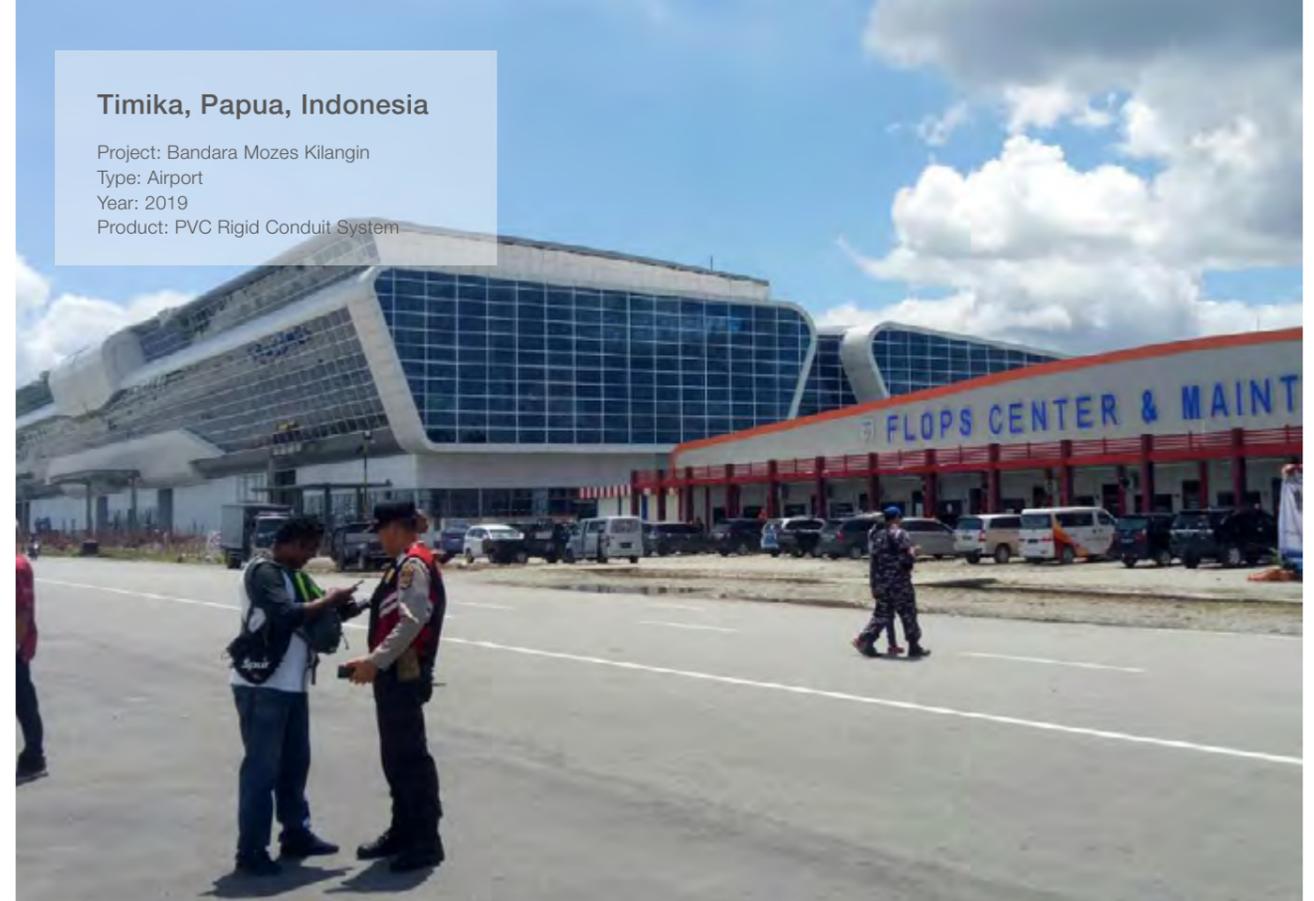
Tangerang, Banten, Indonesia

Project: Kingland Avenue
Type: Apartment
Years: 2019
Product: PVC Rigid Conduit System



Ambon, Maluku, Indonesia

Project: Hotel Maxone
Type: 3 Star Hotel
Years: 2019
Product: PVC Rigid Conduit System



Timika, Papua, Indonesia

Project: Bandara Mozes Kilangin
Type: Airport
Year: 2019
Product: PVC Rigid Conduit System



Manado, North Sulawesi, Indonesia

Project: Marriot Hotel
Type: Hotel
Years: 2023
Product: PVC Rigid Conduit System



Jakarta, DKI Jakarta, Indonesia

Project: Public Street Lighting Installation in Tebet Park
Type: Public Building
Years: 2021
Product: PVC Rigid Conduit System



Cikarang, West Java, Indonesia

Project: PT Astra Honda Motor Cikarang in Tebet Park
Type: Factory
Years: 2021
Product: PVC Rigid Conduit System



Banjarmasin, Kalimantan, Indonesia

Project: Tower ATC Airnav
Type: Airport
Years: 2020
Product: PVC Rigid Conduit System



Nifas Silk-Lafto subcity, Addis Ababa, Indonesia

Project: Africa Centers for Disease Control and Prevention
Type: Public building
Years: 2022
Product: PVC Rigid Conduit System

Pontianak, West Kalimantan, Indonesia

Project: Kharitas Bhakti Hospital
Type: Hospital
Years: 2022
Product: PVC Rigid Conduit System
Multilayer Air-Conditioning Piping System



Jakarta, Indonesia

Project: Perguruan Tinggi Ilmu Kepolisian
Type: Education
Years: 2020
Product: PVC Rigid Conduit System



Jakarta, DKI Jakarta, Indonesia

Project: Transpark Juanda
Type: Apartment
Years: 2023
Product: PVC Rigid Conduit System



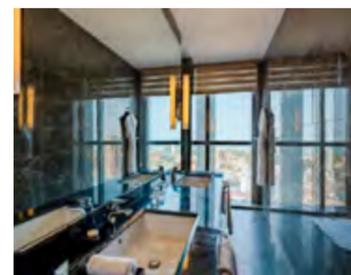
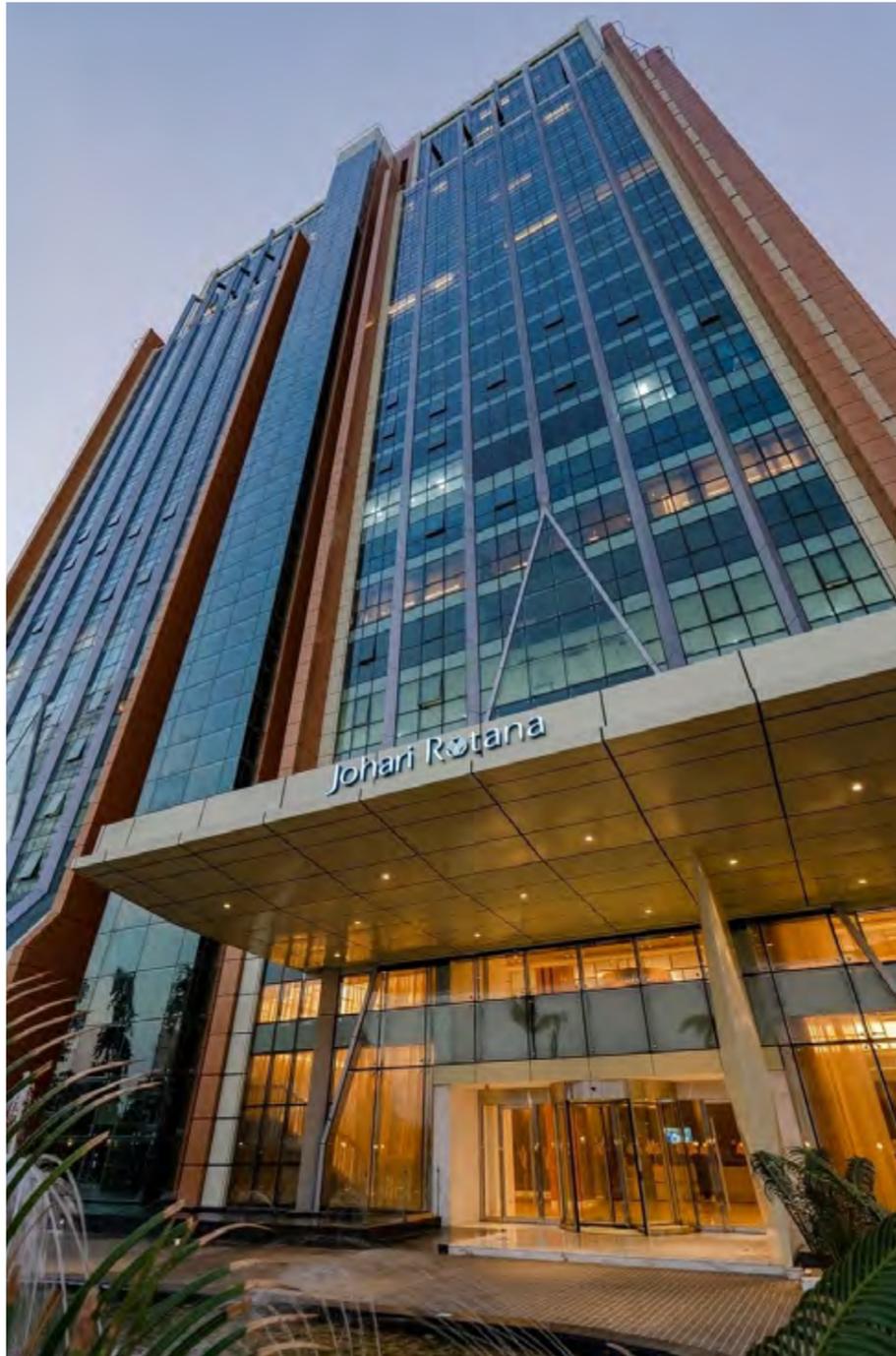
Bukittinggi, West Sumatera, Indonesia

Project: The Balcone Hotel & Resort
Type: Hotel
Years: 2021
Product: PVC Rigid Conduit System



Bekasi, West Java, Indonesia

Project: PT Yili Indonesia Dairy Factory
Type: Factory
Years: 2022
Product: PVC Rigid Conduit System



Dar es Salaam, Tanzania
 Project: Nyerere Foundation Plaza Project
 Type: Commercial
 Years: 2020
 Product: PVC Rigid Conduit System

Multilayer Air-Conditioning Piping System



Merida, Mexico
 Project: Via Montejo
 Type: Residential
 Year: 2017
 Product: Air-Conditioning Piping System



Bekasi, Indonesia
 Project: Grand Dhika City
 Type: Residential
 Year: 2015
 Product: Air-Conditioning Piping System



Jakarta, Indonesia
 Project: Wika Office Tower
 Type: Commercial
 Year: 2016
 Product: Air-Conditioning Piping System



Panama

Project: Governorate of Panama
Type: Government offices
Year: 2022
Product: Air-Conditioning Piping System

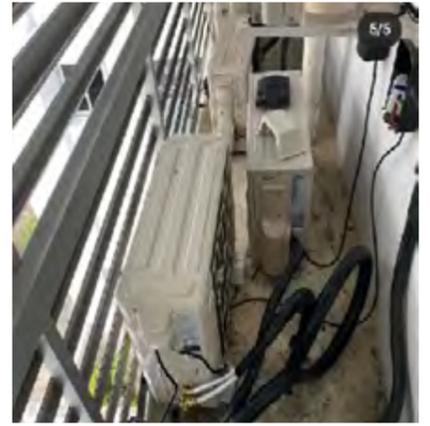


Panama

Project: JW Marriot - Apartmaents
Type: Residential
Year: 2022
Product: Air-Conditioning Piping System

Panama

Project: PH Harmony
Type: Residential
Year: 2022
Product: Air-Conditioning Piping System



Panama

Project: Hotel el Panamá
Type: Commercial
Year: 2022
Product: Air-Conditioning Piping System



Panama

Project: PH Terrazas del Rey
Type: Residential
Year: 2022
Product: Air-Conditioning Piping System

Panama

Project: Ph Bahia Gorgona
Type: Residential
Year: 2022
Product: Air-Conditioning Piping System



Panama

Project: Mcdonalds Chitré
Type: Commercial
Year: 2022
Product: Air-Conditioning Piping System

PVC Drainage System



ETHIOPIA



Yadot Tower, Ethiopia

Project: Yadot Tower Project
 Type: Mix-use building
 Year: 2021
 Product: PVC Drainage System



Kidus Commercial Center, Ethiopia

Project: Kidus Commercial Center
 Type: Apartment
 Year: 2021
 Product: PVC Drainage System



Lagos, Nigeria, Thailand

Project: China Harbour LFTZ Lekki Deep Water Port Phase I
 Type: Infrastructure
 Year: 2022
 Product: PVC Drainage System



MDM, Ethiopia

Project: BOLE-RWANDA District Grand View Addis Project
 Type: Apartment
 Year: 2021
 Product: PVC Drainage System+Multilayer Plumbing System



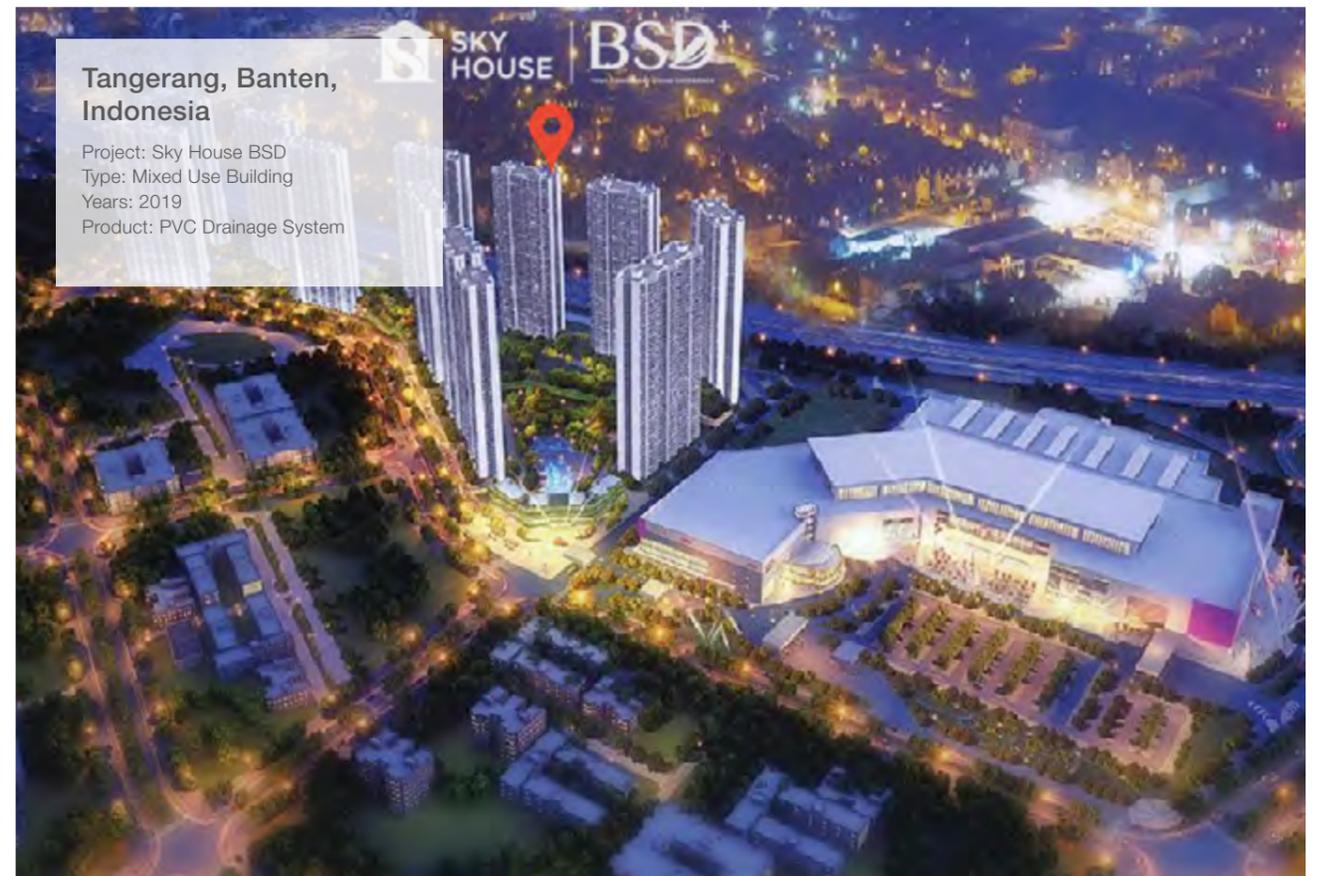
Century Addis Real Estate, Ethiopia

Project: Century Addis Real Estate- Brass Apartment Project
 Type: Apartment
 Year: 2021
 Product: PVC Drainage System



CSCEC, Ethiopia

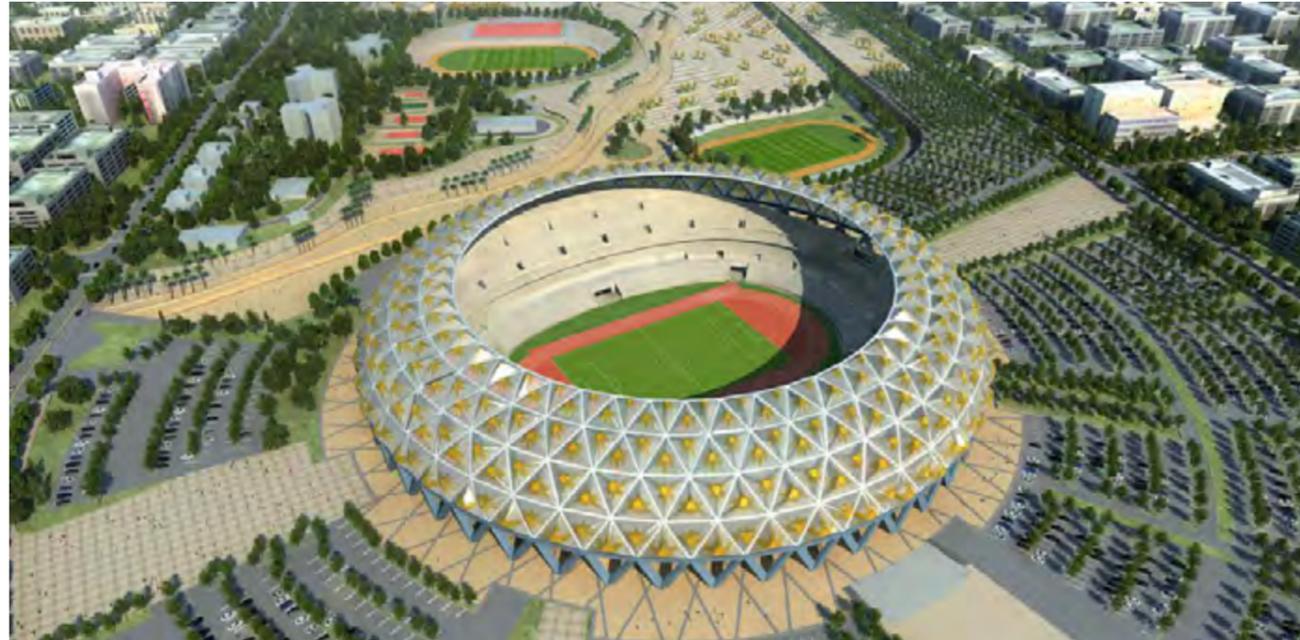
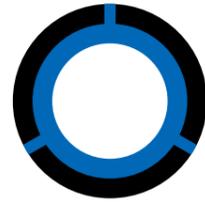
Project: CSCEC Ethiopia National Stadium
 Type: Stadium
 Year: 2021
 Product: HDPE Water Supply Pipe+HDPE Double Wall Corrugated Pipe



Tangerang, Banten, Indonesia

Project: Sky House BSD
 Type: Mixed Use Building
 Years: 2019
 Product: PVC Drainage System

HDPE Munciple Piping System



Century Addis Real Estate, Ethiopia

Project: Ethiopia Nation Stadium
 Type: Infrastructure
 Year: 2020
 Product: HDPE Munciple Piping System

Project List

Multilayer Plumbing System

Location	Project
Baku, Azerbaijan	International Central Bus Station
Kazakh region, Azerbaijan	Gazakh Olympic Sports Complex
Baku, Azerbaijan	Supreme Court of Azerbaijan
Baku, Azerbaijan	National Cancer Hospital
Baku, Azerbaijan	National Health Complex
Baku, Azerbaijan	Almaz park
Sheki, Azerbaijan	Marxal Resort & Spa
Gurd Shola, Ethiopia	Noah Garden Apartment
Atlas, Ethiopia	Dodi Extension Tower
Lebu, Ethiopia	New hope Luxury Apartment
Nefassilk Lafto, Ethiopia	Sikamas Mix-use 2 Blocks G+11 Building
Kazanchis, Ethiopia	Kazadis Plaza Mix-use G+19 Buidling
Bisrate Gabriel/Kelem, Ethiopia	Afroville Diplomatic Apartment 3 Blocks G+13 Building
Kera, Ethiopia	Eliita Mix-use G+20 Building
Kazanchis, Ethiopia	Hignlander Luxury Apartment
Bole, Ethiopia	MCO Commercial G+17 Building
CMC , Ethiopia	Mezabei 3 Blocks G+9 Building
Tallinn, Estonia	Green thinking house
Tallinn, Estonia	Woho home
Parnu, Estonia	Hedon Spa & Hotel
Tallinn, Estonia	Suur-Patarei 6
Tallinn, Estonia	MAXIMA Locistics Center
Tallinn, Estonia	Grand Hotel Viljandi
Tallinn, Estonia	Medical Lab SYNLAB in Veerenni 53A,
Tallinn, Estonia	MEERHOF 2.0
Pärnu, Eestonia	Wasa Resort
Pärnu, Eestonia	Pirniaia aedlinnak – Oja 41d
Pärnu, Eestonia	Vesiroosi 1 - LVM Kinnisvara
Utrecht, Netherlands	Domkerk Domtoren
Lima, Peru	Condominios Del Aire
Lima, Peru	Condominio Parques De La Huaca
Lima, Peru	Edificio Empresarial Andrés Belaunde
Baku, Azerbaijan	International Central Bus Station
Kazakh region, Azerbaijan	Gazakh Olympic Sports Complex
Baku, Azerbaijan	Supreme Court of Azerbaijan

Location	Project
Baku, Azerbaijan	National Cancer Hospital
Baku, Azerbaijan	National Health Complex
Baku, Azerbaijan	Almaz park
Sheki, Azerbaijan	Marxal Resort & Spa
Gurd Shola, Ethiopia	Noah Garden Apartment
Atlas, Ethiopia	Dodi Extension Tower
Lebu, Ethiopia	New hope Luxury Apartment
Nefassilk Lafto, Ethiopia	Sikamas Mix-use 2 Blocks G+11 Building
Kazanchis, Ethiopia	Kazadis Plaza Mix-use G+19 Buidling
Bisrate Gabriel/Kelem, Ethiopia	Afroville Diplomatic Apartment 3 Blocks G+13 Building
Kera, Ethiopia	Eliita Mix-use G+20 Building
Kazanchis, Ethiopia	Hignlander Luxury Apartment
Bole, Ethiopia	MCO Commercial G+17 Building
CMC , Ethiopia	Mezabei 3 Blocks G+9 Building
Tallinn, Estonia	Green thinking house
Tallinn, Estonia	Woho home
Parnu, Estonia	Hedon Spa & Hotel
Tallinn, Estonia	Suur-Patarei 6
Tallinn, Estonia	MAXIMA Locistics Center
Tallinn, Estonia	Grand Hotel Viljandi
Tallinn, Estonia	Medical Lab SYNLAB in Veerenni 53A,
Tallinn, Estonia	MEERHOF 2.0
Pärnu, Eestonia	Wasa Resort
Pärnu, Eestonia	Pirniaia aedlinnak – Oja 41d
Pärnu, Eestonia	Vesiroosi 1 - LVM Kinnisvara
Utrecht, Netherlands	Domkerk Domtoren
Lima, Peru	Condominios Del Aire
Lima, Peru	Condominio Parques De La Huaca
Lima, Peru	Edificio Empresarial Andrés Belaunde
Solna, Sweden	Mall of Scandinavia
Stockholm, Sweden	Tele 2 Arena
Goteborg, Sweden	Sahlgrenska sjukhuset
Leksand Municipality, Sweden	Clas Ohlsson Lager
Palampur, Himachal Pradesh, India	Hotel Sarovar Portico
Dharamsala, Himachal Pradesh, India	Hotel Pavillion

Location	Project
Lima, Peru	Edificio Empresarial Andrés Belaunde
Solna, Sweden	Mall of Scandinavia
Stockholm, Sweden	Tele 2 Arena
Goteborg, Sweden	Sahlgrenska sjukhuset
Leksand Municipality, Sweden	Clas Ohlsson Lager
Palampur, Himachal Pradesh, India	Hotel Sarovar Portico
Dharamsala, Himachal Pradesh, India	Hotel Pavillion
Dharamsala, Himachal Pradesh, India	HPCA Stadium
Jalandhar, Punjab, India	Club Cabbana
Jalandhar, Punjab, India	Country Inn Hotel
Jalandhar, Punjab, India	DAV University
Jalandhar, Punjab, India	DPS School
Jalandhar, Punjab, India	Fortune by ITC
Jalandhar, Punjab, India	Ramada Hotel
Jalandhar, Punjab, India	Green County
Jalandhar, Punjab, India	Hamilton Residency
Jalandhar, Punjab, India	AAGAAZ Hotel
Makhu, Punjab, India	Hero School
Jakarta, Indonesia	Hotels Harris &Yello
Bali, Indonesia	Stone Hotel Bali by Marriot
Bali, Indonesia	AYANA Resort and Spa
Bogor, Indonesia	Bumi Gumati
Cirebon, Indonesia	Hotel Bapontar
Lampung, Indonesia	Malahayati University
Batam, Indonesia	Batam University
Jakarta, Indonesia	Institute Kesehatan Indonesia
Tangerang, Indonesia	PDAM
Jakarta, Indonesia	Dr. Cipto Mangunkusumo Hospital
Jakarta, Indonesia	Medistra Hospital
Jakarta, Indonesia	Dapur Sehat (Sate Khas Senayan)
Tangerang, Indonesia	Burger King
Bintaro, Indonesia	The Breeze
Tangerang, Indonesia	IKEA Store in Indonesia
Norwich, England	The Fenlands

Multilayer Gas System

Location	Project
Melbourne, Australia	Pier One
Melbourne, Australia	Nest At The Hill
Melbourne, Australia	Southbank Place
Melbourne, Australia	Eltham Leisure Centre
Brisbane, Australia	Infinity Tower
Medellin, Colombia	Saint Pierre
Envigado, Colombia	ZU 41 21
Envigado, Colombia	Lyon
Sabaneta, Colombia	Alameda
Medellin, Colombia	Amarello
Montevideo, Uruguay	Faros de carrasco
Montevideo, Uruguay	Diamantis Plaza
Yogyakarta, Indonesia	Uttara the Icon
Sydney, Australia	Flour Mill of Summer Hil
Melbourne, Australia	Quest Apartment Hotels
Brisbane, Australia	Ascot Residences
Sydney, Australia	Superlot 11
Sydney, Australia	Brodie Spark Drive Wolli Creek
Brisbane, Australia	Four Points Hotel
Melbourne, Australia	The Walker Apartments
Queensland, Australia	NEWPORT RETIREMENT VILLAGE
Doncaster, VIC,Australia	Summit - Doncaster Hill
Northcote, VIC, Australia	Merri Green
Homebush, NSW, Australia	Vogue Homebush
South Yarra, VIC, Australia	IGLU Student Accommodation
Queensland, Australia	Arcare Aged Centre
Piura, Peru	Edificio Las Tunas
Piura, Peru	Edificio Parque Piura
Piura, Peru	Edificio Trinitarias
Lima, Peru	Edificio Multifamiliar Madre Selva
Lima, Peru	Residencial Las Tunas
Cirebon, Indonesia	Sutan Raja Guest House
Batam, Indonesia	Holiday Inn

Location	Project
Karawang, Indonesia	Taman Sari Mahogany
Jakarta, Indonesia	Plaza Semanggi
Jakarta, Indonesia	Celebrity Fitness
Bogor, Indonesia	Gunung Putri Square
Karawang, Indonesia	Pesantren Al binaa
Cirebon, Bandung, Tegal, Jakarta, Batam, Indonesia	CGV Cinema
Tangerang, Indonesia	Decathlon Alam Sutera
Bekasi, Indonesia	JFE Steel Indonesia
Bekasi, Indonesia	PT. Sato Nagatomi
Bekasi, Indonesia	PT. Nittsu Shoji Indonesia
Cirebon, Indonesia	Mitra Plumbon Hospital
Bandung, Indonesia	Tamansari Tera
Tangerang, Indonesia	Parkland Avenue
Bandung, Indonesia	Hegarmanah
Bekasi, Indonesia	Chadstone Sales Gallery Cikarang
Bekasi, Indonesia	Metro Galaxy Park
Cimanggis, Indonesia	Podomoro Golf View
Cengkareng, Indonesia	Orchardz Hotel Bandara
Palembang, Indonesia	Wyndham Opi Hotel
Jakarta, Indonesia	Keraton
Goro, Ethiopia	Sunrise Luxury Apartment
Nakhonsawon, Thailand	42C Hotel
Samui Island, Thailand	Thai International Hospital
Uthai Thani, Thailand	Chantaram Temple
Amata City Rayong, Thailand	AUX Thailand Factory
Khao Yai ,Thailand	Ozone Hotel
Phathum Thani, Thailand	Green Latex Factory
Chon Buri, Thailand	The Hill Pattaya
Samui Island, Thailand	Sofitel So Samui
Beijing, China	Capital International Airport (T3)
Cangzhou, China	Cangzhou Museum
Nanyang, China	Wanxi Pharmaceutical

Multilayer Air-conditioning system

Location	Project
Merida, Mexico	Via Montejo
Jakarta, Indonesia	Wika Office Tower
Bekasi, Indonesia	Grand Dhika City

Pex plumbing system

Location	Project
Brisbane, Australia	Aria Valencia Ap Artments
Sydney, Australia	Diamond Apartments

PP-R Plumbing System

Location	Project
Lima, Peru	Edificio Mocca
Lima, Peru	Sede Plaza La Tiza
Lima, Peru	Edificio Multifamiliar Sucre 260
Lima, Peru	Edificio Multifamiliar Jacinto Lara
Lima, Peru	Residencial Sorrento
Bali, Indonesia	Fox Harris Jimbaran Beach
Semarang, Indonesia	Hotel Chanti

Underfloor Heating System

Location	Project
Mexico City, Mexico	Encinares
Arjeplog, Sweden	Bosch Blttestanläggning
Malmö, Sweden	City Tunneln
London, UK	3 sutherland Rd
Taichung, Taiwan (CN)	National Taichung Theater

PVC System

Location	Project
Ethiopia	BOLE-RWANDA District Grand View Addis
Ethiopia	Yadot Tower
Ethiopia	Kidus Commercial Center
Ethiopia	Century Addis Real Estate
Ethiopia	CSCEC
Banjarmasin, Kalimantan, Indonesia	Tower ATC Airnav
Tangerang, Banten, Indonesia	Kingland Avenue
Ambon, Maluku, Indonesia	Hotel Maxone
Tangerang, Banten, Indonesia	Sky House BSD
Timika, Papua, Indonesia	Bandara Mozes Kilangin
Jakarta, Indonesia	Perguruan Tinggi Ilmu Kepolisian

Appendix I Group Certificaties

Certificate

Standard ISO 9001:2015
Certificate Registr. No. 01 100 009308/06

Organization: **Rifeng Enterprise Group Co., Ltd.**
 8/F., Rifeng Building, No. 16, Zumiao Road, Foshan City, Guangdong Province 528000, P. R. China

Site: **c/o Rifeng Enterprise (Foshan) Co., Ltd. (Subsidiary of Rifeng Enterprises Group)**
 Unified Social Credit Code: 9144060007185672XW
 Registration Address: F1-F14 Building, No. 1 Rifeng Road, Leping Town, Sanshui District, Foshan City, Guangdong Province 528317, P. R. China
 Operation Address: same as above

Scope: Design and Manufacturing of Plastic Pipes, Pipe Fittings, Hardware Fittings, Ball Valves, Manifolds, Faucets and Bathroom Hardware Accessories; Design of Ceramic Sanitary Wares, Shower Rooms and Shower Cabinets

Validity: Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.
 The certificate is valid in conjunction with the main certificate 01 100 009308 from 2022-02-01 until 2025-01-31.
 It remains valid subject to satisfactory surveillance audits.
 This certificate information can be searched on CNCA official website <http://www.cnca.gov.cn>

2022-01-19


 TÜV Rheinland Cert GmbH
 Am Grauen Stein · 51105 Köln

Authorized responsible office: TÜV Rheinland China Ltd., Room 301, 3F and Room 1203, 12F, Building 4, No.15, Ronghua South Road, Beijing Economic-Technological Development Area, Beijing (Yizhuang group in high-end industrial area of Beijing Pilot Free Trade Zone), 100176, P. R. China

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Precisely Right.



Zhongjian Certification Co., Ltd.

CERTIFICATE OF CONFORMITY OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATION

No:0070022S51053R2L

This is to certify that the occupational health and safety system of
RIFENG ENTERPRISE GROUP CO., LTD.

REGISTER ADDRESS: 8F, RIFENG BUILDING, NO.16, ZUMIAO ROAD, FOSHAN CITY, GUANGDONG PROVINCE
PRODUCTION ADDRESS: NO.1, RIFENG ROAD, LEPING INDUSTRIAL PARK, SANSHUI DISTRICT, FOSHAN CITY, GUANGDONG PROVINCE

Organization Code: 9144060061758718XL

is in conformity with

GB/T 45001-2020/ISO 45001:2018 Standard

This system is valid for the

DESIGN AND PRODUCTION OF PRODUCTS OF ALUMINUM MODELS
COMPOSITE PRESSURE PIPES, PLASTIC PIPES, BATHROOM HARDWARES,
PIPE FITTINGS AND RELATED MANAGEMENT ACTIVITIES

(This certificate only covers the sites listed. If the covered scope involves pre-approval of administration permit or compulsory certification requirement, the scope only covers products and services within the permit license or compulsory certification scope.)

Date of issue: 2022-05-23

Term of validity of this certificate: from 2022-05-23 to 2025-05-22 inclusive

This certificate remains valid only if the certified organization accepts and passes regular surveillance audits.



[Signature]
Representative of The Company



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C007-M

The validity of this certificate could be confirmed via official Website Of CNCA (www.cnca.gov.cn)
Further to the certificate applicability, please enquire the certified organization: visit www.gzcc.org.cn or contact GZCC 020-66390902
4/F, Huajing Building, Guangzhou Dadaozhong, Guangzhou City, Guangdong Province, China (510600) Zhongjian Certification Co., Ltd.



Zhongjian Certification Co., Ltd.

CERTIFICATE OF CONFORMITY OF ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATION

No:0070022E51101R6L

This is to certify that the environmental system of
RIFENG ENTERPRISE GROUP CO., LTD.

REGISTER ADDRESS: 8F, RIFENG BUILDING, NO.16, ZUMIAO ROAD, FOSHAN CITY, GUANGDONG PROVINCE
PRODUCTION ADDRESS: NO.1, RIFENG ROAD, LEPING INDUSTRIAL PARK, SANSHUI DISTRICT, FOSHAN CITY, GUANGDONG PROVINCE

Organization Code: 9144060061758718XL

is in conformity with

GB/T 24001-2016/ISO14001:2015 Standard

This system is valid for the

DESIGN AND PRODUCTION OF PRODUCTS OF ALUMINUM MODELS
COMPOSITE PRESSURE PIPES, PLASTIC PIPES, BATHROOM HARDWARES,
PIPE FITTINGS AND RELATED MANAGEMENT ACTIVITIES

(This certificate only covers the sites listed. If the covered scope involves pre-approval of administration permit or compulsory certification requirement, the scope only covers products and services within the permit license or compulsory certification scope.)

Date of issue: 2022-05-23

Term of validity of this certificate: from 2022-05-23 to 2025-05-22 inclusive

This certificate remains valid only if the certified organization accepts and passes regular surveillance audits.



[Signature]
Representative of The Company



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C007-M

The validity of this certificate could be confirmed via official Website Of CNCA (www.cnca.gov.cn)
Further to the certificate applicability, please enquire the certified organization: visit www.gzcc.org.cn or contact GZCC 020-66390902
4/F, Huajing Building, Guangzhou Dadaozhong, Guangzhou City, Guangdong Province, China (510600) Zhongjian Certification Co., Ltd.

Multilayer Plumbing System Certificates

NSF International
REFERENCE CERTIFICATE

Rifeng Enterprise (Foshan) Co., Ltd.
Facility: Foshan, China

COMPLIES WITH NSF/ANSI 14 AND THE FOLLOWING REFERENCE STANDARDS. PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE AUTHORIZED TO BEAR THE NSF MARK.

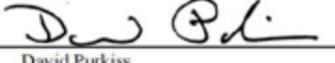
- ASTM E84
- ASTM F1281
- ASTM F1807
- ASTM F1960
- ASTM F2159
- ASTM F877
- ASTM F876/F877
- ASME A112.4.14/CSA B125.14
- AWWA C904
- CAN/ULC S102.2
- CSA B137.5
- CSA B137.10
- NSF/ANSI 61
- NSF/ANSI 372






This certificate is supplemental to the NSF Certification Certificate and does not replace the NSF Certification Certificate. This certificate is the property of NSF International and must be returned upon request. For the most current and complete product information, please access NSF's website (www.nsf.org).

Issue Date: April 10, 2023
Certificate Valid Through: April 10, 2024
Certificate # 74631-18R


 David Purkiss
 Vice President, Water Systems



Certificat

Certificate

Réseaux de chauffage et distribution sanitaire
Piping systems for hot and cold water installations

Page 1 / 6

Renouvellement N° 95677 du 24/01/2022
Renewal N° 95677 from 24/01/2022
Date de fin de validité / Expiry date : 23/01/2025

RIFENG ENTERPRISE GROUP CO LTD
N°16 ZUMIAO ROAD RIFENG BUILDING CN- 528000 FOSHAN CITY

N° titulaire / Holder:	012
Site de production / Production site:	Foshan, Chine – 012/01
Première admission / First admission:	15/11/2021

SYSTEME MULTICOUCHE
MULTILAYER SYSTEM

Est autorisé à distribuer les produits listés en annexe bénéficiant du droit d'usage de la marque NF en application des règles générales de la marque NF et du référentiel de certification de NF - Réseaux de chauffage et distribution sanitaire pour le/les produit(s) cité(s) en annexe.
Is authorized to affix the NF mark on the product(s) listed in appendix, in accordance with the general rules of the NF mark and the NF - Piping systems for hot and cold water installations certification scheme.

Ce certificat atteste que les produit(s) désigné(s) en annexe est (sont) certifié(s) conforme(s) aux normes citées en annexe et aux exigences supplémentaires après évaluation par AFNOR Certification tel que spécifié dans le référentiel de certification NF - Réseaux de chauffage et distribution sanitaire.
This certificate attests that the product(s) mentioned in appendix have been assessed by AFNOR Certification and found to conform with the standards cited in appendix and complementary requirements, as specified in the NF - Piping systems for hot and cold water installations certification scheme.

La durée de vie conventionnelle est de 50 ans. *Conventional life is 50 years.*

Caractéristiques certifiées	Certified characteristics
- Caractéristique de durabilité Résistance à la délamination	- Caractéristique de durabilité Résistance à la délamination
- Caractéristique fonctionnelles Caractéristiques dimensionnelles	- Caractéristique fonctionnelles Caractéristiques dimensionnelles
- Aptitude à l'usage Résistance à la pression	- Aptitude à l'usage Résistance à la pression

Ce certificat annule et remplace tout certificat antérieur.
This certificate supersedes all previous certificates.

Ce certificat NF, incluant son annexe, est valable jusqu'au **23/01/2025** sous réserve des résultats des contrôles effectués par AFNOR Certification qui peut prendre toute décision conformément aux règles générales de la marque NF et au référentiel de certification NF - Réseaux de chauffage et distribution sanitaire.
This NF certificate and related appendix is valid until 23/01/2025 subject to the results obtained upon regular controls carried out by AFNOR Certification. Appropriate decision is made by AFNOR Certification in accordance with the general rules of the NF mark and specific NF - Piping systems for hot and cold water installations certification scheme.




Julien NIZRI
 Directeur Général d'AFNOR Certification
 Managing Director of AFNOR Certification

CERTIF 1332.6 07/2020

11 rue Francis de Pressensé - 93071 La Plaine Saint-Denis Cedex - France - T. +33 (0)1 41 62 80 30 - F. +33 (0)1 49 17 90 00
SAS au capital de 18 187 000 € - 479 076 002 RCS Bobigny - www.afnor.org





Réseaux de chauffage et distribution sanitaire
Piping systems for hot and cold water installations

Certificat

Certificate

Page 1 / 6

Renouvellement N° 81323 du 24/01/2022
Renewal N° 81323 from 24/01/2022
Date de fin de validité / Expiry date : 23/01/2025

RIFENG ENTERPRISE GROUP CO LTD
N°16 ZUMIAO ROAD RIFENG BUILDING CN- 528000 FOSHAN CITY

N° titulaire / Holder: 012
Site de production / Production site: Foshan, Chine – 012/01
Première admission / First admission: 19/02/2019

SYSTEME MULTICOUCHE MULTILAYER SYSTEM

Est autorisée à apposer la marque NF en application des règles générales de la marque NF et du référentiel de certification de NF - Réseaux de chauffage et distribution sanitaire pour le/les produit(s) cité(s) en annexe.
Is authorized to affix the NF mark on the product(s) listed in appendix, in accordance with the general rules of the NF mark and the NF - Piping systems for hot and cold water installations certification scheme.

Ce certificat atteste que les produit(s) désigné(s) en annexe est (sont) certifié(s) conforme(s) aux normes citées en annexe et aux exigences supplémentaires après évaluation par AFNOR Certification tel que spécifié dans le référentiel de certification NF - Réseaux de chauffage et distribution sanitaire.

This certificate attests that the product(s) mentioned in appendix have been assessed by AFNOR Certification and found to conform with the standards cited in appendix and complementary requirements, as specified in the NF - Piping systems for hot and cold water installations certification scheme.

La durée de vie conventionnelle est de 50 ans. Conventional life is 50 years.

- | | |
|----------------------------------|----------------------------------|
| - Caractéristique de durabilité | - Caractéristique de durabilité |
| Résistance à la délamination | Résistance à la délamination |
| - Caractéristique fonctionnelles | - Caractéristique fonctionnelles |
| Caractéristiques dimensionnelles | Caractéristiques dimensionnelles |
| - Aptitude à l'usage | - Aptitude à l'usage |
| Résistance à la pression | Résistance à la pression |

Ce certificat annule et remplace tout certificat antérieur.
This certificate supersedes all previous certificates.

Ce certificat NF, incluant son annexe, est valable jusqu'au 23/01/2025 sous réserve des résultats des contrôles effectués par AFNOR Certification qui peut prendre toute décision conformément aux règles générales de la marque NF et au référentiel de certification NF - Réseaux de chauffage et distribution sanitaire.

This NF certificate and related appendix is valid until 23/01/2025 subject to the results obtained upon regular controls carried out by AFNOR Certification. Appropriate decision is made by AFNOR Certification in accordance with the general rules of the NF mark and specific NF - Piping systems for hot and cold water installations certification scheme.



Julien NIZRI
Directeur Général d'AFNOR Certification
Managing Director of AFNOR Certification

CERTIF 1332.6 07/2020

11 rue Francis de Pressensé - 93571 La Plaine Saint-Denis Cedex - France - T. +33 (0)1 41 62 80 00 - F. +33 (0)1 40 17 90 00
SAS au capital de 16 187 000 € - 479 076 002 RCS Bobigny - www.afnor.org



CARSO - LABORATOIRE SANTÉ ENVIRONNEMENT HYGIÈNE DE LYON

Laboratoire Agréé pour les analyses d'eaux par le Ministère de la Santé

Laboratoire habilité par le Ministère chargé de la santé en application de l'article R*.1321-52 du code de la santé publique

ATTESTATION DE CONFORMITE SANITAIRE

Certificate of sanitary conformity

Conformément à l'arrêté du 29 mai 1997 modifié et à la circulaire du Ministère de la santé

Direction Générale de la Santé DGS/SD7A 2002 n°571 du 25 novembre 2002

Coordonnées du demandeur des essais / Contact details of the ACS owner :

RIFENG ENTERPRISE GROUP CO., LTD.
5F/Rifeng Building, No. 16 Zumiao Road
Foshan City 528000
GUANGDONG PROVINCE
P.R. CHINA

Nom de l'accessoire représentatif / Reference of the representative accessory :

Raccord à compression, corps en laiton brut / Compression fittings, nude brass body F1 equal tee 12mm

N° de dossier attribué par le laboratoire habilité / File reference : 20 ACC LY 429

Date de réalisation des essais d'inertie selon la norme XP P41-280 : Aucun essai n'est nécessaire pour délivrer l'ACS

Tests date (according to the standard XP P 41-280) : No testing is required to issue this ACS

Commentaires : Les accessoires sont assemblés à l'aide de composants conformes à la réglementation

Comments : Accessories are assembled using components complying with the regulation.

Famille d'accessoires couverte par l'ACS / Accessories' family covered by this certificate :

Raccords à compression F1 en laiton CW617N ou CW614N brut ou nickelé extérieur /
Compression fittings F1 in nude CW617N or CW614N brass or outer surface nickel plated

Références / References :

Voir Annexe Jointe / See Annex Enclosed

(1 page)

Attestation délivrée par : Christelle AUTUGELLE
Responsable Laboratoire MCDE
CARSO - L.S.E.H.L.

Signature :

A la date du / Date of issue : 10 Septembre 2020

Date d'expiration / Expiration date : 2 juillet 2025

Commentaires / Comments : Renouvellement / Renewal 15 ACC LY 490

E. MC060-b.15/09/2014 MLN

Société par action simplifiée au capital de 2 283 622,38 Euros - RCS Lyon B 410 545 313 - SIRET 410 545 313 00042 - APE 743 B - N° TVA : FR 82 410 545 313

Siège Social et laboratoire : 4, avenue Jean Moulin - CS 30228 - F - 69633 VENISSIEUX cedex - Tél. : (33) 04 72 76 16 16 - Fax : (33) 04 78 72 35 03

Site web : www.groupecarso.com - e-mail : mcde@groupecarso.com

CARSO - LABORATOIRE SANTÉ ENVIRONNEMENT HYGIÈNE DE LYON

Laboratoire Agréé pour les analyses d'eaux par le Ministère de la Santé

Laboratoire habilité par le Ministère chargé de la santé en application de l'article R*.1321-52 du code de la santé publique

ATTESTATION DE CONFORMITE SANITAIRE

Certificate of sanitary conformity

Conformément à l'arrêté du 29 mai 1997 modifié et à la circulaire du Ministère de la santé

Direction Générale de la Santé DGS/SD7A 2002 n°571 du 25 novembre 2002

Coordonnées du demandeur des essais / Contact details of the ACS owner :

RIFENG ENTERPRISE GROUP CO., LTD.
5F/Rifeng Building, No. 16 Zumiao Road
Foshan City 528000
GUANGDONG PROVINCE
P.R. CHINA

Nom de l'accessoire représentatif / Reference of the representative accessory :

Raccord à sertir en laiton brut / Press fittings in nude brass F9 Equal tee 12mm

N° de dossier attribué par le laboratoire habilité / File reference : 20 ACC LY 430

Date de réalisation des essais d'inertie selon la norme XP P41-280 : Aucun essai n'est nécessaire pour délivrer l'ACS
Tests date (according to the standard XP P 41-280) : No testing is required to issue this ACS

Commentaires : Les accessoires sont assemblés à l'aide de composants conformes à la réglementation
Comments : Accessories are assembled using components complying with the regulation.

Famille d'accessoires couverte par l'ACS / Accessories' family covered by this certificate :

Raccords à sertir F9 en laiton CW617N ou CW614N brut ou nickelé extérieur /
Press fittings F9 in nude CW617N or CW614N brass or outer surface nickel plated

Références / References :

Voir Annexe Jointe / See Annex Enclosed
(1 page)

Attestation délivrée par : Christelle AUTUGELLE Signature :
Responsable Laboratoire MCDE
CARSO - L.S.E.H.L.

A la date du /Date of issue : 10 Septembre 2020

Date d'expiration / Expiration date : 2 juillet 2025

Commentaires / Comments : Renouvellement / Renewal 15 ACC LY 491

F. MC060-h-15/09/2014 MLN
Société par action simplifiée au capital de 2 283 622,38 Euros - RCS Lyon B 410 545 313 - SIRET 410 545 313 00042 - APE 743 B - N° TVA : FR 82 410 545 313
Siège Social et laboratoire : 4, avenue Jean Moulin - CS 30228 - F - 69633 VENISSIEUX cedex - Tél. : (33) 04 72 76 16 16 - Fax : (33) 04 78 72 35 03
Site web : www.groupecarso.com - e-mail : mcde@groupecarso.com

CARSO - LABORATOIRE SANTÉ ENVIRONNEMENT HYGIÈNE DE LYON

Laboratoire Agréé pour les analyses d'eaux par le Ministère de la Santé

Laboratoire habilité par le Ministère chargé de la santé en application de l'article R*.1321-52 du code de la santé publique

ATTESTATION DE CONFORMITE SANITAIRE

Certificate of sanitary conformity

Conformément à l'arrêté du 29 mai 1997 modifié et à la circulaire du Ministère de la santé

Direction Générale de la Santé DGS/SD7A 2002 n°571 du 25 novembre 2002

Coordonnées du demandeur des essais / Contact details of the ACS owner :

RIFENG ENTERPRISE GROUP CO., LTD.
5F/Rifeng Building, No. 16 Zumiao Road
Foshan City 528000
GUANGDONG PROVINCE
P.R. CHINA

Nom de l'accessoire représentatif / Reference of the representative accessory :

Raccord à sertir en laiton brut / Press fittings in nude brass F18 Equal tee 12mm

N° de dossier attribué par le laboratoire habilité / File reference : 20 ACC LY 431

Date de réalisation des essais d'inertie selon la norme XP P41-280 : Aucun essai n'est nécessaire pour délivrer l'ACS
Tests date (according to the standard XP P 41-280) : No testing is required to issue this ACS

Commentaires : Les accessoires sont assemblés à l'aide de composants conformes à la réglementation
Comments : Accessories are assembled using components complying with the regulation.

Famille d'accessoires couverte par l'ACS / Accessories' family covered by this certificate :

Raccords à sertir F18 en laiton CW617N ou CW614N brut ou nickelé extérieur /
Press fittings F18 in nude CW617N or CW614N brass or outer surface nickel plated

Références / References :

Voir Annexe Jointe / See Annex Enclosed
(1 page)

Attestation délivrée par : Christelle AUTUGELLE Signature :
Responsable Laboratoire MCDE
CARSO - L.S.E.H.L.

A la date du /Date of issue : 10 Septembre 2020

Date d'expiration / Expiration date : 10 septembre 2025

Commentaires / Comments : Renouvellement / Renewal 15 ACC LY 584

F. MC060-h-15/09/2014 MLN
Société par action simplifiée au capital de 2 283 622,38 Euros - RCS Lyon B 410 545 313 - SIRET 410 545 313 00042 - APE 743 B - N° TVA : FR 82 410 545 313
Siège Social et laboratoire : 4, avenue Jean Moulin - CS 30228 - F - 69633 VENISSIEUX cedex - Tél. : (33) 04 72 76 16 16 - Fax : (33) 04 78 72 35 03

CARSO - LABORATOIRE SANTÉ ENVIRONNEMENT HYGIÈNE DE LYON

Laboratoire Agréé pour les analyses d'eaux par le Ministère de la Santé

Laboratoire habilité par le Ministère chargé de la santé en application de l'article R*. 1321-52 du code de la santé publique

ATTESTATION DE CONFORMITE SANITAIRE (ACS)

Certificate of sanitary conformity

Conformément à l'arrêté du 29 mai 1997 modifié et aux circulaires du Ministère de la santé
DGS/VS4 n° 99/217 du 12 avril 1999 et DGS/VS4 n° 2000/232 du 27 avril 2000

Coordonnées du demandeur : Contact details of the ACS owner :	Nom(s) commercial(aux) du produit fini / Commercial name(s) of the finished product :
RIFENG ENTREPRISE GROUP CO., LTD. 5F/Rifeng Building, No. 16 Zumiao Road Foshan City 528000 GUANGDONG PROVINCE P.R. China	Tube PEX / AI / PEX DN16 à DN75 / DN16 to DN75

Type de produit fini / Type of finished product :

<input checked="" type="checkbox"/> tube / pipe	<input type="checkbox"/> joint / seal, gasket, o-ring...	<input type="checkbox"/> revêtement / coating
<input type="checkbox"/> produit de jointoyage / sealing product	<input type="checkbox"/> raccord et manchon / fittings	<input type="checkbox"/> composant d'accessoires / accessories component
<input type="checkbox"/> autre / other :		

Nature du matériau / Type of material :

<input type="checkbox"/> polychlorure de vinyl PVC	<input type="checkbox"/> polybutylène PB	<input type="checkbox"/> ethylene-propylène EPDM
<input type="checkbox"/> PVC surchloré PVC-C	<input type="checkbox"/> polyamide PA	<input type="checkbox"/> butadiène-acrylonitrile NBR
<input type="checkbox"/> polyéthylène PE	<input type="checkbox"/> polytétrafluoroéthylène PTFE	<input checked="" type="checkbox"/> autre/other : PEX / AI / PEX
<input type="checkbox"/> polyéthylène réticulé PEX	<input type="checkbox"/> acrylonitrile-butadiène-styrène ABS	
<input type="checkbox"/> polypropylène PP	<input type="checkbox"/> à base de résine époxydique / epoxy resin	

Commentaires / Comments : Renouvellement / Renewal 13 MAT LY 190
Couleur du matériau / material color : naturel/AI/blanc / natural/AI/white
N° de dossier attribué par le laboratoire habilité / File reference : 18 MAT LY 210

Formulation chimique / Chemical formulation :

Vérifiée par le laboratoire et conforme aux listes positives
Checked by the laboratory and conform to the positive lists

Essais d'inertie réalisés selon la norme XP P 41-250 /
Migration tests performed according to the standard XP P 41-250 :

Rapport S/V testé / S/V tested ratio : 240 cm²/L
Date des essais / Tests date : du 22 Mars au 18 Avril 2019 / from March 22 to April 18, 2019

Commentaires : Les essais d'inertie réalisés selon les normes AFNOR XP P 41-250-1/2/3 et NFP 41-290 n'ont fait apparaître aucune anomalie. Les résultats sont conformes aux exigences de la circulaire DGS/VS4 n° 99-217 du 12 Avril 1999.
Comments : The migration test carried out according to the standards XPP-41-250-1/2/3 and NFP 41-290 do not bring out any anomaly. The results are in accordance with the requirements of the circular DGS/VS4 n°99-217 of the 12th of april 1999.

Attestation délivrée par / Certificate issued by : Christelle AUTUGELLE Signature :
Responsable MCDE
CARSO - L.S.E.H.L.

A la date du / Date of issue : 25 Avril 2019
Date d'expiration de l'ACS / Expiry date : 25 Avril 2024

Commentaires / Comments : /

F_MC058-c 15/09/2014 MLN
Société par action simplifiée au capital de 2 283 622,38 Euros - RCS Lyon B 410 545 313 - SIRET 410 545 313 00042 - APE 743 B - N° TVA : FR 82 410 545 313
Siège Social et laboratoire : 4, avenue Jean Moulin - CS 30228 - F - 69633 VENISSIEUX cedex - Tél. : (33) 04 72 76 16 16 - Fax : (33) 04 78 72 35 03
Site web : www.groupecarso.com - e-mail : mcde@groupecarso.com

CARSO - LABORATOIRE SANTÉ ENVIRONNEMENT HYGIÈNE DE LYON

Laboratoire Agréé pour les analyses d'eaux par le Ministère de la Santé

Laboratoire habilité par le Ministère chargé de la santé en application de l'article R*. 1321-52 du code de la santé publique

ATTESTATION DE CONFORMITE SANITAIRE

Certificate of sanitary conformity

Conformément à l'arrêté du 29 mai 1997 modifié et à la circulaire du Ministère de la santé
Direction Générale de la Santé DGS/SD7A 2002 n°571 du 25 novembre 2002

Coordonnées du demandeur des essais / Contact details of the ACS owner :
RIFENG ENTERPRISE (FOSHAN) CO., LTD. 5F/Rifeng Building No.16 Zumiao Road, Foshan City 528000 GUANGDONG PROVINCE P.R. CHINA

Nom de l'accessoire représentatif / Reference of the representative accessory :
Raccord à sertir en laiton brut / Press fitting, nude brass body F5 Unequal Tee DN12

N° de dossier attribué par le laboratoire habilité / File reference : 24 ACC LY 074

Date de réalisation des essais d'inertie selon la norme XP P 41-280 : Aucun essai n'est nécessaire pour délivrer l'ACS
Tests date (according to the standard XP P 41-280) : No testing is required to issue this ACS

Commentaires : Les composants organiques sont conformes à l'arrêté du 29 mai 1997 modifié. Les composants métalliques sont conformes à l'arrêté du 25 juin 2020.
Comments : Organic components are compliant with the decree dated 29th May 1997 modified. Metallic components are compliant with the decree dated 25th June 2020.

Famille d'accessoires couverte par l'ACS / Accessories' family covered by this certificate :
Raccords à sertir F5 et F8, corps laiton brut ou extérieur nickelé /
Press fittings F5 and F8, nude brass or nickel outside body

Références / References (102 références) :
Voir Annexe Jointe / See Annex Enclosed
(2 pages)

Attestation délivrée par Christelle AUTUGELLE Signature :
Responsable Laboratoire MCDE
CARSO - L.S.E.H.L.

A la date du / Date of issue : 23 Février 2024
Date d'expiration / Expiration date : 21 Décembre 2028

Commentaires / Comments : /

F_MC060-b 15/05/2014 MLN
Société par action simplifiée au capital de 2 283 622,38 Euros - RCS Lyon B 410 545 313 - SIRET 410 545 313 00042 - APE 7120 B - N° TVA : FR 82 410 545 313
Siège Social et laboratoire : 4, avenue Jean Moulin - CS 30228 - F - 69633 VENISSIEUX cedex - Tél. : (33) 04 72 76 16 16 - Fax : (33) 04 78 72 35 03
Site web : www.groupecarso.com - e-mail : mcde@groupecarso.com



AENOR Product Certificate



001/005976

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG
528000 China

supplies **Multilayer piping systems PERT for hot and cold water
installations inside buildings**

in conformity with standard UNE-EN ISO 21003 Specified in Annex to the Certificate

System description Trademark: RIFENG
Application class / Design Pressure(bar): 1/6 ; 2/6 ; 4/6 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2013-04-10
Last issued on 2023-04-10
Validity 2028-04-10

Rafael GARCÍA MEIRO
CEO



AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

AENOR Product Certificate Plastics



001/006959

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN 528000
GUANGDONG (China)

supplies **Multilayer piping systems PEX for hot and cold water installations inside
buildings**

in conformity with standard UNE-EN ISO 21003 UNE-EN ISO 21003-1:2009 (EN ISO 21003-1:2008)
UNE-EN ISO 21003-1:2009 ERRATUM:2009
UNE-EN ISO 21003-2:2009 (EN ISO 21003-2:2008)
UNE-EN ISO 21003-2:2009 ERRATUM:2009
UNE-EN ISO 21003-2:2009/A1:2011 (EN ISO 21003-2:2008/A1:2011)
UNE-EN ISO 21003-3:2009 (EN ISO 21003-3:2008)
UNE-EN ISO 21003-3:2009 ERRATUM:2009
UNE-EN ISO 21003-5:2009 (EN ISO 21003-5:2008)
UNE-EN ISO 21003-5:2009 ERRATUM:2009

System description See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2019-07-11
Validity date 2024-07-11

Rafael GARCÍA MEIRO
Chief Executive Officer

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Product certification body accredited by ENAC, number 01/C-PR002.001



AENOR Product Certificate



001/005975

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG
528000 China

supplies **Multilayer piping systems PEX for hot and cold water
installations inside buildings**

in conformity with standard UNE-EN ISO 21003 Specified in Annex to the Certificate

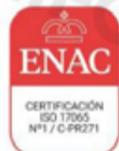
System description Trademark: RIFENG
Application class / Design Pressure(bar): 1/6 ; 2/6 ; 4/6 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City- China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2013-04-10
Last issued on 2023-04-10
Validity 2028-04-10

Rafael GARCÍA MEIRO
CEO



AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com



AENOR Product Certificate



001/006703

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG
528000 China

supplies **Multilayer piping systems PEX for hot and cold water
installations inside buildings**

in compliance with SANS 21003-1:2008
SANS 21003-2:2008
SANS 21003-3:2008
SANS 21003-5:2008

System description Trademark: RIFENG
Application class/Design Pressure(bar): 1/6 ; 2/6 ; 4/6 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City- China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2017-04-26
Last issued on 2023-04-10
Validity 2028-04-10

Rafael GARCÍA MEIRO
CEO



AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com



AENOR Product Certificate



001/007416

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

registered office F1-F14 No. 1 Rifeng Road, Sanshui District Foshan City 528000 Guangdong China

supplies **Multilayer piping systems PEX for hot and cold water installations inside buildings**

in conformity with standard UNE-EN ISO 21003 Specified in Annex to the Certificate

System description Trademark: RIFENG
Application class / Design Pressure(bar): 1/10 ; 2/10 ; 4/10 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city- China)
Type of joint: PRESS FITTING
Type of clamp: U - H - TH

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.71.

This certificate supersedes 001/007416, dated 2022-08-26

First issued on 2022-08-26
Modified on 2022-08-30
Validity date 2027-08-26

Rafael GARCÍA MEIRO
Chief Executive Officer



AENOR Product Certificate



001/007417

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

registered office F1-F14 No. 1 Rifeng Road, Sanshui District Foshan City 528000 Guangdong China

supplies **Multilayer piping systems PEX for hot and cold water installations inside buildings**

in compliance with SANS 21003-1:2008 ; SANS 21003-2:2008
SANS 21003-3:2008 ; SANS 21003-5:2008

System description Trademark: RIFENG
Application class / Design Pressure(bar): 1/10 ; 2/10 ; 4/10 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city- China)
Type of joint: PRESS FITTING
Type of clamp: U - H - TH

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.71.

This certificate supersedes 001/007417, dated 2022-08-26

First issued on 2022-08-26
Modified on 2022-08-30
Validity date 2027-08-26

Rafael GARCÍA MEIRO
Chief Executive Officer



AENOR

AENOR Product Certificate Plastics



001/007357

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG
528000 China

supplies Multilayer piping systems PEX for hot and cold water installations inside
buildings

in conformity with standard UNE-EN ISO 21003 Specified in Annex to the Certificate

System description Trademark: RIFENG
Application class / Design Pressure(bar): 1/10 ; 2/10 ; 4/10 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city- China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2022-02-21
Validity date 2027-02-21

Rafael GARCÍA MEIRO
Chief Executive Officer

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Product certification body accredited by ENAC, number 1/C-PR271

AENOR

AENOR Product Certificate Plastics



001/007358

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG
528000 China

supplies Multilayer piping systems PEX for hot and cold water installations inside
buildings

in compliance with SANS 21003-1:2008 ; SANS 21003-2:2008
SANS 21003-3:2008 ; SANS 21003-5:2008

System description Trademark: RIFENG
Application class / Design Pressure(bar): 1/10 ; 2/10 ; 4/10 ; 5/6
Pipes and fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city - China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Production site F1-F14 Of No. 1 Rifeng Road, Leping Town, Sanshui District Foshan City
528000 China

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2022-02-23
Validity date 2027-02-23

Rafael GARCÍA MEIRO
Chief Executive Officer

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com





AENOR Product Certificate



001/007306

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

registered office F1-F14 No. 1 Rifeng Road, Sanshui District, Foshan City
528000 Guangdong (China)

supplies **Multilayer piping systems PERT for hot and cold water
installations inside buildings**

in conformity with standard UNE-EN ISO 21003 Specified in Annex to the Certificate

System description Trademark: RIIFO
Application class / Design Pressure(bar): 1/6 ; 2/6 ; 4/6 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2021-10-26
Last issued on 2023-04-10
Validity 2028-04-10

Rafael GARCÍA MEIRO
CEO



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Tel. 91 432 60 00.- www.aenor.com



AENOR Product Certificate



001/007305

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

registered office F1-F14 No. 1 Rifeng Road, Sanshui District, Foshan City
528000 Guangdong (China)

supplies **Multilayer piping systems PEX for hot and cold water
installations inside buildings**

in conformity with standard UNE-EN ISO 21003 Specified in Annex to the Certificate

System description Trademark: RIIFO
Application class / Design Pressure(bar): 1/6 ; 2/6 ; 4/6 ; 5/6
Pipes and fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2021-10-26
Last issued on 2023-04-10
Validity 2028-04-10

Rafael GARCÍA MEIRO
CEO



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Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com



This certifies that

RIFENG ENTERPRISE (FOSHAN) CO. LTD.

has had the undermentioned product examined, tested and found, when correctly installed, to comply with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations and Scottish Water Byelaws.

B1 MULTILAYER PEX/AL/PEX PIPE, F1C COMPRESSION FITTINGS & F5 PRESS FITTINGS

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

May 2025

2005323

Certificate No.

Secretary

Chairman, Product Assessment Group



This certifies that

RIFENG ENTERPRISE (FOSHAN) CO. LTD.

has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.

Model Numbers

F17 RANGE OF BRASS FITTINGS (FOR MODELS AND SIZES COVERED BY THE SCOPE OF THE APPROVAL PLEASE CONSULT THE WRAS ONLINE DIRECTORY AND/OR ACCOMPANYING WRAS APPROVAL LETTER)

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

December 2025

Certificate No.

2012038

Ian Hughes,
WRAS Approvals Manager



DVGW-Baumusterprüfzertifikat
DVGW type examination certificate

DW-8501CS0420
Registriernummer
registration number

Anwendungsbereich <i>field of application</i>	Produkte der Wasserversorgung <i>products of water supply</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Vertreiber <i>distributor</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Installationssysteme und Systemverbinder (PN 10): Trinkwasserinstallationssystem (8501)
Produktbezeichnung <i>product description</i>	Trinkwasserinstallationssystem bestehend aus Klemmverbindern aus Metall (Typ M-MV) und Verbundrohren (PE-RT/Al/PE-RT)
Modell <i>model</i>	F1C
Prüfberichte <i>test reports</i>	Kontrollprüfung Labor: V480/22.4 vom 13.03.2023 (IMA) Baumusterprüfung: V190/17A vom 06.12.2017 (IMA)
Prüfgrundlagen <i>test basis</i>	DVGW W 534-(P) (01.07.2015) DVGW CERT ZP 8500 (23.05.2022) UBA BWGL-Metal: Grundwerkstoffe (11.01.2023) UBA KTW-BWGL (07.03.2022) UBA ELASTOM (16.03.2016) DVGW W 270 (01.11.2007)

Ablaufdatum / AZ 06.12.2027 / 23-0473-WNV
date of expiry / file no.

28.06.2023 Pz A-1/2
Date, Issued by, Sheet, Head of Certification Body



Deutsche
Akkreditierungsstelle
D-ZE-16028-01-01

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www.dvgw-cert.com
info@dvgw-cert.com



DVGW type examination certificate
DVGW-Baumusterprüfzertifikat

DW-8501BQ0166
Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of water supply <i>Produkte der Wasserversorgung</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Distributor <i>Vertreiber</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Product Category <i>Produktart</i>	installation systems and system joints (PN 10): drinking water installation system (8501)
Product Description <i>Produktbezeichnung</i>	drinking water installation system consist of compression fittings made from metals and multilayer pipes PE-RT/Al/PE-RT
Model <i>Modell</i>	System "Foshan Rifeng"
Test Reports <i>Prüfberichte</i>	laboratory control test: 4101916 from 18.06.2019 (SKZ) laboratory control test: RA3851.202060.19 from 21.10.2019 (SKZ) mechanical test: 385115/W0.1/117804 from 28.09.2015 (SKZ) supplement test: 73659/06 from 29.12.2006 (SKZ) type testing: 65222/04 from 12.05.2005 (SKZ) UBA-Guideline: K-277472-16-Ko from 04.10.2016 (WHY)
Test Basis <i>Prüfgrundlagen</i>	DVGW W 534-(P) (01.07.2015) DVGW CERT ZP 1000 (09.03.2017) UBA METALLE (21.11.2018) UBA ELASTOM (16.03.2016) DVGW W 270 (01.11.2007)
Date of Expiry / File No. <i>Ablaufdatum / Aktenzeichen</i>	12.05.2025 / 21-0944-WNR

23.05.2022 GI A-1/2
Date, Issued by, Sheet, Head of Certification Body



Deutsche
Akkreditierungsstelle
D-ZE-16028-01-05

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DVGW-Baumusterprüfzertifikat
DVGW type examination certificate

DW-8236BP0451
Registriernummer
registration number

Anwendungsbereich <i>field of application</i>	Produkte der Wasserversorgung <i>products of water supply</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise Group Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Vertreiber <i>distributor</i>	Rifeng Enterprise Group Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Verbundrohr für die Trinkwasserinstallation: PE-RT/Al/PE-RT-Rohr, Fert.-Gr. 1 (8236)
Produktbezeichnung <i>product description</i>	Verbundrohr PE-RT/Al/PE-RT für die Trinkwasserinstallation
Modell <i>model</i>	RIFENG
Prüfberichte <i>test reports</i>	Kontrollprüfung Labor: 385118/1.1/1349198 vom 30.04.2019 (SKZ) Mechanikprüfung: V195/17A vom 05.12.2017 (SKZ) Mechanikprüfung: 385114/W1.1/114035 vom 23.02.2015 (SKZ) Baumusterprüfung: 60147/03 vom 14.10.2004 (SKZ) KTW-Prüfung: KR 025/19 vom 18.03.2019 (TZW) Mikrobiologische Prüfung: MO 046/15 vom 27.07.2015 (TZW)
Prüfgrundlagen <i>test basis</i>	DVGW W 542 (01.08.2009) UBA KTW (07.03.2016) DVGW W 270 (01.11.2007)
Ablaufdatum / AZ <i>date of expiry / file no.</i>	14.10.2024 / 19-0370-WNV

07.08.2019 LE A-1/2

Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification body

DVGW CERT GmbH ist von der DAkkS nach DIN EN ISO/IEC 17065:2013
akkreditierte Stelle für die Zertifizierung von Produkten der Energie- und
Wasserversorgung.

DVGW CERT GmbH is an accredited body by DAkkS according to DIN EN
ISO/IEC 17065:2013 for certification of products for energy and water supply
industry.



Deutsche
Akkreditierungsstelle
D-ZE-16028-01-05

DVGW CERT GmbH
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DVGW-Baumusterprüfzertifikat
DVGW type examination certificate

DW-8501DN0124
Registriernummer
registration number

Anwendungsbereich <i>field of application</i>	Produkte der Wasserversorgung <i>products of water supply</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Shanshui district
Vertreiber <i>distributor</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Shanshui district
Produktart <i>product category</i>	Installationssysteme und Systemverbinder (PN 10): Trinkwasserinstallationssystem (8501)
Produktbezeichnung <i>product description</i>	Trinkwasserinstallationssystem bestehend aus Pressverbindern aus Metall und Verbundrohr (PE-RT/AL/PE-RT)
Modell <i>model</i>	Rifeng Press Fitting
Prüfberichte <i>test reports</i>	Baumusterprüfung: V323/21B vom 11.03.2022 (IMA) Baumusterprüfung: V323/21A vom 03.03.2022 (IMA) Baumusterprüfung: V323/21 vom 28.02.2022 (IMA)
Prüfgrundlagen <i>test basis</i>	DVGW CERT ZP 8500 (01.01.2017) DVGW W 534-(P) (01.07.2015) UBA BWGL-Metalle (14.05.2020) UBA ELASTOM (16.03.2016) UBA KTW-BWGL (09.03.2021) DVGW W 270 (01.11.2007)
Ablaufdatum / AZ <i>date of expiry / file no.</i>	11.03.2027 / 21-0943-WNE

31.05.2022 LE A-1/2

Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification body



Deutsche
Akkreditierungsstelle
D-ZE-16028-01-05

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DVGW-Baumusterprüfzertifikat
DVGW type examination certificate

DW-8501DN0268
 Registriernummer
 registration number

Anwendungsbereich <i>field of application</i>	Produkte der Wasserversorgung <i>products of water supply</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Vertreiber <i>distributor</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Installationssysteme und Systemverbinder (PN 10): Trinkwasserinstallationssystem (8501)
Produktbezeichnung <i>product description</i>	Trinkwasserinstallationssystem bestehend aus Pressverbindern aus Metall und Verbundrohr (PE-RT/AL/PE-RT)
Modell <i>model</i>	Rifeng Press Fitting
Prüfberichte <i>test reports</i>	Baumusterprüfung: V323/21B vom 11.03.2022 (IMA) Baumusterprüfung: V323/21A vom 03.03.2022 (IMA) Baumusterprüfung: V323/21 vom 28.02.2022 (IMA)
Prüfgrundlagen <i>test basis</i>	DVGW CERT ZP 8500 (01.01.2017) DVGW W 534-(P) (01.07.2015) UBA BWGL-Metalle (14.05.2020) UBA ELASTOM (16.03.2016) UBA KTW-BWGL (07.03.2022) DVGW W 270 (01.11.2007)
Ablaufdatum / AZ <i>date of expiry / file no.</i>	11.03.2027 / 22-0367-WNE

31.05.2022 LE A-1/2
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
 date, issued by, sheet, head of certification body



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DVGW type examination certificate
DVGW-Baumusterprüfzertifikat

DW-8501DN0269
 Registration Number
 Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of water supply <i>Produkte der Wasserversorgung</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Distributor <i>Vertreiber</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Product Category <i>Produktart</i>	installation systems and system joints (PN 10): drinking water installation system (8501)
Product Description <i>Produktbezeichnung</i>	drinking water installation system consisting of compression connectors made of metal and multilayer pipes (PE-RT/AL/PE-RT)
Model <i>Modell</i>	Rifeng Press Fitting
Test Reports <i>Prüfberichte</i>	type testing: V323/21B from 11.03.2022 (IMA) type testing: V323/21A from 03.03.2022 (IMA) type testing: V323/21 from 28.02.2022 (IMA)
Test Basis <i>Prüfgrundlagen</i>	DVGW CERT ZP 8500 (01.01.2017) DVGW W 534-(P) (01.07.2015) UBA BWGL-Metalle (14.05.2020) UBA ELASTOM (16.03.2016) UBA KTW-BWGL (07.03.2022) DVGW W 270 (01.11.2007)
Date of Expiry / File No. <i>Ablaufdatum / Aktenzeichen</i>	11.03.2027 / 22-0368-WNE

31.05.2022 LE A-1/2
 Date, issued by, Sheet, Head of Certification Body
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle



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DVGW-Konformitätsbestätigung Hygiene
DVGW certificate of conformity hygiene

HW-1011DN0245
 Registriernummer
 registration number

Konformitätsbestätigung <i>confirmation of conformity</i>	System 1+ mit Fremdüberwachung <i>system 1+ with audit testing</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Hersteller <i>manufacturer</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Hygienische Eignung nach System 1+: Zusammengesetztes Produkt, Produktgruppe P1 (1011)
Produktbezeichnung <i>product description</i>	Verbundrohr aus PE-RT/Al/PE-RT
Werkstoff/Modell <i>material/model</i>	F1C
Prüfberichte <i>test reports</i>	Zertifizierungsbericht: vom 23.05.2022 (ZGW)
Prüfgrundlagen <i>test basis</i>	DVGW CERT ZP 1000 (05.10.2021) UBA KTW-BWGL (07.03.2022) UBA Übergangsregelung KTW-BWGL (10.07.2020) DIN EN 16421 (01.05.2015)

Ablaufdatum / AZ 21.09.2024 / 21-0367-WHE
date of expiry / file no.

Hiermit wird bestätigt, dass das o.g. Produkt/Bauteil auf der Grundlage des Zertifizierungsprogrammes DVGW CERT ZP 1000 der zur Verfügung gestellten Produktinformationen, einschließlich der Rezepturangaben und des o.g. Bewertungsberichts die Anforderungen der unter Prüfgrundlagen genannten Bewertungsgrundlage/Leitlinie des Umweltbundesamtes für den rückseitig genannten Temperaturbereich erfüllt und dieser entspricht.

23.05.2022 Br A-1/2
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
 date, issued by, sheet, head of certification body



DVGW CERT GmbH
 Zertifizierungsstelle
 Josef-Wimmer-Str. 1-3
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 Tel. +49 228 91 88 - 888
 Fax +49 228 91 88 - 993
 www.dvgw-cert.com
 info@dvgw-cert.com



DVGW-Konformitätsbestätigung Hygiene
DVGW certificate of conformity hygiene

HW-1011DN0376
 Registriernummer
 registration number

Konformitätsbestätigung <i>confirmation of conformity</i>	System 1+ mit Fremdüberwachung <i>system 1+ with audit testing</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Hersteller <i>manufacturer</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Hygienische Eignung nach System 1+: Zusammengesetztes Produkt, Produktgruppe P1 (1011)
Produktbezeichnung <i>product description</i>	Verbundrohr PE-RT/Al/PE-RT für die Trinkwasserinstallation
Werkstoff/Modell <i>material/model</i>	RIFENG
Prüfberichte <i>test reports</i>	Zertifizierungsbericht: vom 04.05.2022 (ZGW)
Prüfgrundlagen <i>test basis</i>	DVGW CERT ZP 1000 (05.10.2021) UBA KTW-BWGL (07.03.2022) UBA Übergangsregelung KTW-BWGL (10.07.2020) DIN EN 16421 (01.05.2015)

Ablaufdatum / AZ 21.09.2024 / 21-0368-WHE
date of expiry / file no.

Hiermit wird bestätigt, dass das o.g. Produkt/Bauteil auf der Grundlage des Zertifizierungsprogrammes DVGW CERT ZP 1000 der zur Verfügung gestellten Produktinformationen, einschließlich der Rezepturangaben und des o.g. Bewertungsberichts die Anforderungen der unter Prüfgrundlagen genannten Bewertungsgrundlage/Leitlinie des Umweltbundesamtes für den rückseitig genannten Temperaturbereich erfüllt und dieser entspricht.

04.08.2022 Br A-1/2
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
 date, issued by, sheet, head of certification body



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DVGW-Konformitätsbestätigung Hygiene
DVGW certificate of conformity hygiene

HW-1011DN0246
 Registriernummer
 registration number

Konformitätsbestätigung <i>confirmation of conformity</i>	System 1+ mit Fremdüberwachung <i>system 1+ with audit testing</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Hersteller <i>manufacturer</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Hygienische Eignung nach System 1+: Zusammengesetztes Produkt, Produktgruppe P1 (1011)
Produktbezeichnung <i>product description</i>	Verbundrohr aus PE-RT/Al/PE-RT
Werkstoff/Modell <i>material/model</i>	System "Foshan Rifeng"
Prüfberichte <i>test reports</i>	Zertifizierungsbericht: vom 23.05.2022 (ZGW)
Prüfgrundlagen <i>test basis</i>	DVGW CERT ZP 1000 (05.10.2021) UBA KTW-BWGL (07.03.2022) UBA Übergangsregelung KTW-BWGL (10.07.2020) DIN EN 16421 (01.05.2015)

Ablaufdatum / AZ 21.09.2024 / 21-0367-WHE
date of expiry / file no.

Hiermit wird bestätigt, dass das o.g. Produkt/Bauteil auf der Grundlage des Zertifizierungsprogrammes DVGW CERT ZP 1000 der zur Verfügung gestellten Produktinformationen, einschließlich der Rezepturangaben und des o.g. Bewertungsberichts die Anforderungen der unter Prüfgrundlagen genannten Bewertungsgrundlage/Leitlinie des Umweltbundesamtes für den rückseitig genannten Temperaturbereich erfüllt und dieser entspricht.

23.05.2022 Br A-1/2
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification body



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DVGW-Baumusterprüfzertifikat
DVGW type examination certificate

DW-8501CS0420
 Registriernummer
 registration number

Anwendungsbereich <i>field of application</i>	Produkte der Wasserversorgung <i>products of water supply</i>
Vertreiber <i>distributor</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Installationssysteme und Systemverbinder (PN 10): Trinkwasserinstallationssystem (8501)
Produktbezeichnung <i>product description</i>	Trinkwasserinstallationssystem bestehend aus Klemmverbindern aus Metall (Typ M-MV) und Verbundrohren (PE-RT/Al/PE-RT)
Modell <i>model</i>	RIIFO F1C
Prüfberichte <i>test reports</i>	Kontrollprüfung Labor: V480/22.4 vom 13.03.2023 (IMA) Baumusterprüfung: V190/17A vom 06.12.2017 (IMA)
Prüfgrundlagen <i>test basis</i>	DVGW W 534-(P) (01.07.2015) DVGW CERT ZP 8500 (23.05.2022) UBA BWGL-Metal: Grundwerkstoffe (11.01.2023) UBA KTW-BWGL (07.03.2022) UBA ELASTOM (16.03.2016) DVGW W 270 (01.11.2007)

Ablaufdatum / AZ 06.12.2027 / 23-0473-WNV
date of expiry / file no.

28.06.2023 Pz C-1/2
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification body



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TYYPPIHYVÄKSYNTÄPÄÄTÖS



Myönnetty 20.9.2021

Päivitetty 2.11.2021

Voimassa 20.9.2026

Eurofins Expert Services Oy on eräiden rakennustuotteiden tuotehyväksynnästä annetun lain (954/2012) 5§ nojalla ja ottaen huomioon lain 2 luvun säännökset sekä eräiden rakennustuotteiden tuotehyväksynnästä annetun ympäristöministeriön asetuksen (555/2013) 1§ säännökset myöntänyt seuraavan tyyppihyväksynnän.

Valmistaja Rifeng Enterprise Group Co., Ltd., Kiina

Tuote Rifeng ja RIIFO PE-Xb/Al/PE-Xb monikerrospotket ja järjestelmään kuuluvat messinkiset puristusliittimet, malli F5

Koot 16 mm, 20 mm, 25 mm, 32 mm, 40 mm, 50 mm ja 63 mm

Hyväksynnän laajuus Tällä hyväksynnällä todetaan edellä mainittujen monikerrospotkien ja niiden liittimien täyttävän Ympäristöministeriön asetuksen 500/2019 asettamat olennaiset tekniset vaatimukset monikerrospotkille käyttöluokassa 2. Veden jatkuvan lämpötila voi olla enintään 70°C ja hetkellinen enintään 95°C enimmäiskäyttöpaineella 1 MPa.

Tämä tyyppihyväksyntä sisältää ne järjestelmän komponentit ja raaka-aineyhdistelmät, joista hakija on antanut selvityksen hakemuksen käsittelyä varten.

Muut ehdot Liitokset tehdään käyttäen tämän tyyppihyväksyntäpäätöksen mukaisia liittimiä.

Tuotteeseen liittyvät tekniset tiedot ja asennusohjeet on toimitettava tuotteen mukana tai ne on oltava muuten asennuskohteessa saatavilla.

Yhteiden raaka-aineen tulee olla CW 602N -messinkiseosta.

Asennustyö suoritetaan noudattaen paikallisen viranomaisen ja valmistajan antamia asennusohjeita ja käyttäen valmistajan suosittelemia erikoistyökaluja.

Merkitseminen Valmistajan on merkittävä monikerrospotket ja niiden liittimet pysyvästi niin, että ne ovat yksilöitävissä ja jäljitettävissä. Merkintä tulee tehdä asetuksen 500/2019 pykälän 12§ mukaisesti.

Tuotteeseen, sen pakkaukseen tai mukana oleviin asiakirjoihin on merkittävä liitteen mukainen tyyppihyväksyntämerkki, sekä valmistajan nimi "Rifeng" tai "RIIFO" ja/tai valmistajan tunnus. Valmistaja voi

TYYPPIHYVÄKSYNTÄPÄÄTÖS



Myönnetty 20.9.2021

Voimassa 20.9.2026

Eurofins Expert Services Oy on eräiden rakennustuotteiden tuotehyväksynnästä annetun lain (954/2012) 5§ nojalla ja ottaen huomioon lain 2 luvun säännökset sekä eräiden rakennustuotteiden tuotehyväksynnästä annetun ympäristöministeriön asetuksen (555/2013) 1§ säännökset myöntänyt seuraavan tyyppihyväksynnän.

Valmistaja Rifeng Enterprise Group Co., Ltd., Kiina

Tuote PE-Xb/Al/PE-Xb monikerrospotket ja järjestelmään kuuluvat messinkiset puristusliittimet, malli F5

Koot 16 mm, 20 mm, 25 mm, 32 mm, 40 mm, 50 mm ja 63 mm

Hyväksynnän laajuus Tällä hyväksynnällä todetaan edellä mainittujen monikerrospotkien ja niiden liittimien täyttävän Ympäristöministeriön asetuksen 500/2019 asettamat olennaiset tekniset vaatimukset monikerrospotkille käyttöluokassa 2. Veden jatkuvan lämpötila voi olla enintään 70°C ja hetkellinen enintään 95°C enimmäiskäyttöpaineella 1 MPa.

Tämä tyyppihyväksyntä sisältää ne järjestelmän komponentit ja raaka-aineyhdistelmät, joista hakija on antanut selvityksen hakemuksen käsittelyä varten.

Muut ehdot Liitokset tehdään käyttäen tämän tyyppihyväksyntäpäätöksen mukaisia liittimiä.

Tuotteeseen liittyvät tekniset tiedot ja asennusohjeet on toimitettava tuotteen mukana tai ne on oltava muuten asennuskohteessa saatavilla.

Yhteiden raaka-aineen tulee olla CW 602N -messinkiseosta.

Asennustyö suoritetaan noudattaen paikallisen viranomaisen ja valmistajan antamia asennusohjeita ja käyttäen valmistajan suosittelemia erikoistyökaluja.

Merkitseminen Valmistajan on merkittävä monikerrospotket ja niiden liittimet pysyvästi niin, että ne ovat yksilöitävissä ja jäljitettävissä. Merkintä tulee tehdä asetuksen 500/2019 pykälän 12§ mukaisesti.

Tuotteeseen, sen pakkaukseen tai mukana oleviin asiakirjoihin on merkittävä liitteen mukainen tyyppihyväksyntämerkki, sekä valmistajan



Technical-approval-with-product certificate
K109430/02



Issued 2022-12-01

Replaces K109430/01

Page 1 of 3

PE-X/Al multilayer piping system

STATEMENT BY KIWA

With this technical-approval-with-product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

RIIFO EU BV

as specified in this technical-approval-with-product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline

BRL-K536 E "Plastics piping systems of PE-X/Al intended for transport of hot and cold drinking water" dated 15-12-2011 inclusive amendment sheet dated 13-03-2019..

Within the framework of this technical-approval-with-product certificate Kiwa does not impose any inspections with regard to the production of other parts of the (product), nor the manufacturing of the (product) itself.

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

Kiwa Nederland B.V.
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Postbus 70
2280 AB RIJSWIJK
The Netherlands
Tel. +31 88 998 44 00
Fax +31 88 998 44 20
NL.Kiwa.info@Kiwa.com
www.kiwa.nl

Company
RIIFO EU BV
Avenue du Port 86C
B-1000 BRUXELLES
Belgium
Tel. +32 477 74 58 02
gerf.schuermans@riifo.com



Certification process consists of initial and regular assessment of:

- quality system
- product



Product certificate
K109745/01



Issued 2022-12-01

Replaces -

Page 1 of 4

Metal multiprofile press fittings for PE-X/Al piping systems

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

RIIFO EU BV

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline **BRL-K536 E** "Plastic piping systems of PE-X/Al intended for the transport of hot and cold drinking water" dated 15-12-2011 inclusive amendment sheet dated 13-03-2018.

Ron Scheepers
Kiwa

This product certificate is only valid in combination with a Kiwa certified plastics piping system

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

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Postbus 70
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The Netherlands
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Fax +31 88 998 44 20
NL.Kiwa.info@Kiwa.com
www.kiwa.nl

Company
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PR China 528000
Tel. +86 757 8203 1672
www.rifeng.com

Supplier
RIIFO EU BV
Avenue du Port 86C box 204
1000 Bruxelles
Tel. +32 477 74 58 02
info.eu@riifo.com
www.riifo.eu



Certification process consists of initial and regular assessment of:

- quality system
- product



Product certificate
K110055/02

Issued 2022-12-01
Replaces K110055/01
Page 1 of 3



PE-X/Al multilayer pipe

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

RIIFO EU BV

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K536 E "Plastics piping systems of PE-X/Al intended for transport of hot and cold drinking water" dated 15-12-2011 inclusive amendment sheet dated 13-03-2018.

Ron Scheepers
Kiwa

*This product certificate is only valid in combination with a Kiwa certified plastics piping system.
Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.*

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The Netherlands
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Fax +31 88 998 44 20
NL.Kiwa.info@Kiwa.com
www.kiwa.nl

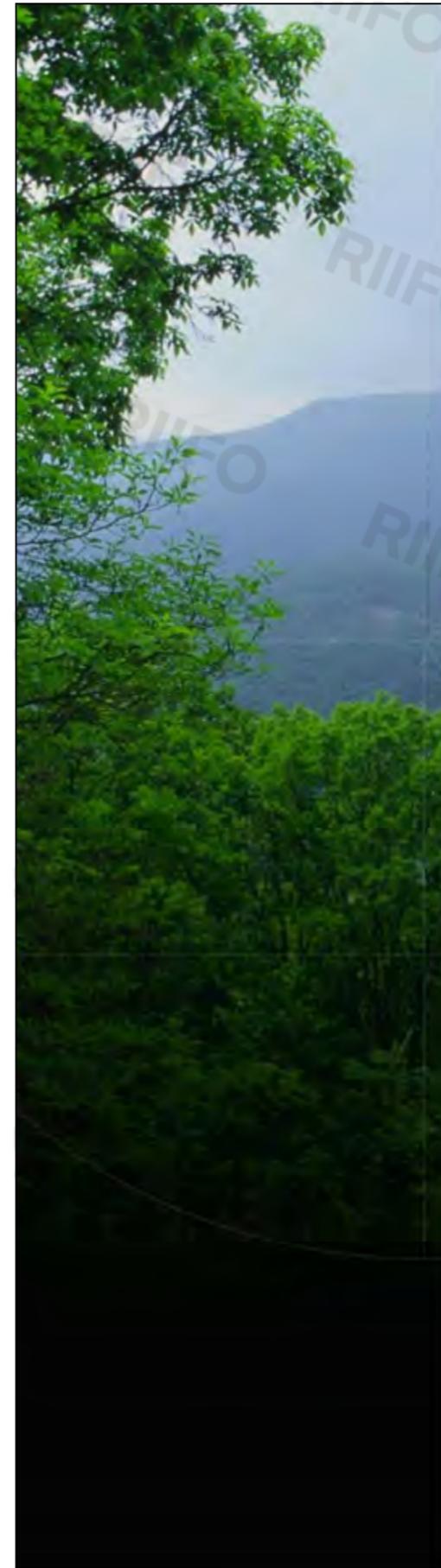
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Belgie
Tel +32 477 74 58 02
gerf.schuermans@riifo.com

Productielocatie
Rifeng Enterprise (Foshan) Co.,Ltd.
Rifeng mansion, Building No.16
Zumiao Road,
CHANCHENG DISTRICT, FOSHAN,
GUANGDONG
China



Certification process consists of initial and regular assessment of:

- quality system
- product



**CERTIFICATE
EPD REGISTRATION**

This document is to confirm that

**RIFENG ENTERPRISE GROUP CO.,
LTD**

has published an Environmental Product Declaration for

**RIFENG MULTILAYER PE-AL-PE
AND PERT-AL-PERT PIPES**

with registration number S-P-01643
in the International EPD® System.

The EPD has been developed in accordance with ISO 14025, the General Programme Instructions for the International EPD® System and the reference PCR 2012:01. Verification was performed by Susanne Jorre.

This document is valid until 2024-07-29, or until the EPD is de-registered and no longer published at www.environdec.com.

ADAM LEWRÉN
Secretariat of the International EPD® System
Gothenburg, Sweden; 2019-09-16

CERTIFICATE EPD REGISTRATION

This document is to confirm that

**RIFENG ENTERPRISE GROUP CO.,
LTD**

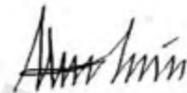
has published an Environmental Product Declaration for

**RIFENG MULTILAYER PEX-AL-
PEX PIPES**

with registration number S-P-01644
in the International EPD[®] System.

The EPD has been developed in accordance with ISO 14025, the
General Programme Instructions for the International EPD[®] System
and the reference PCR 2012:01. Verification was performed by
Susanne Jorre.

This document is valid until 2024-07-29, or until the EPD is de-
registered and no longer published at www.environdec.com.



ADAM LEWRÉN
Secretariat of the International EPD[®] System
Gothenburg, Sweden, 2019-09-16

CERTIFICATE EPD REGISTRATION

This document is to confirm that

**RIFENG ENTERPRISE GROUP CO.,
LTD**

has published an Environmental Product Declaration for

RIFENG PRESS FITTINGS

with registration number S-P-01651
in the International EPD[®] System.

The EPD has been developed in accordance with ISO 14025, the
General Programme Instructions for the International EPD[®] System
and the reference PCR 2012:01. Verification was performed by
Susanne Jorre.

This document is valid until 2024-07-29, or until the EPD is de-
registered and no longer published at www.environdec.com.



ADAM LEWRÉN
Secretariat of the International EPD[®] System
Gothenburg, Sweden, 2019-09-16



CERTIFICATE OF CONFORMITY

SAI Global hereby grants:

Rifeng Enterprise Group Co.,Ltd.

5/F, Rifeng Building, 16 Zumiao Road, Foshan, Guangdong China

WaterMark Certificate of Conformity

Evaluated to:

AS 4176.2-2010 - Multilayer pipes for pressure applications - Multilayer piping systems for hot and cold water plumbing applications - Pipes (ISO 21003-2:2008, MOD)

& AS 4176.3-2010 - Multilayer pipes for pressure applications - Multilayer piping systems for hot and cold water plumbing applications - Fittings (ISO 21003-3:2008, MOD)

"the WaterMark Licensee" the right to use or arrange the use of the WATERMARK as shown below only in respect of the goods described and detailed on the product schedule identified on www.saiglobal.com which are produced by the WaterMark Licensee or on behalf of the WaterMark Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the WATERMARK and the Terms and Conditions for certification. The WaterMark Licensee covenants to comply with all the Rules and Terms and Conditions.

This Certificate is issued by a JAS-ANZ accredited certification body. The Scheme Owner, Administering Body and Accreditation Body do not in any way warrant, guarantee or represent that the product the subject of this Certificate conforms to the WaterMark Certification Scheme Rules, nor accepts any liability arising out of the use of the product. The Scheme Owner disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate.

Certificate No: WMKA02564

Issued : 29 April 2021
Expires : 13 June 2026

Originally Certified : 14 March 2006
Current Certification : 27 April 2021

Frank Camasta
Global Head of Technical Services
SAI Global Assurance



* For details of manufacture, refer to the licensee
The WaterMark is a registered certification trademark of Australian Building Codes Board ABN 74 599 608 295 and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate may only be reproduced in its entirety and remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com for the list of product models.



EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

CERTIFICATE OF COMPLIANCE

FULLNESS EXAMINATION OF TECHNICAL FILE

Certificate No.	:	TP1.0021
Issue Date	:	14/08/2020
Expiry Date	:	13/08/2025
Applicant (Name & Address)	:	Rifeng Enterprise (Foshan) Co.,Ltd. F1-F14 No.1 Rifeng Road, Sanshur District, Foshan City, Guangdong Province, China.
Manufacturer (Name & Address)	:	Same as applicant
TCF No.	:	VC-AN-2020081402
Test Report No.	:	878603, 872219, 16868872856
Product Description	:	Multilayer pipes and brass fittings
Model(s)	:	Refer to ANNEX I
Standard(s)	:	EN ISO 21003-2:2008, EN ISO 21003-3:2008, EN ISO 21003-5:2008

This is to certify that, upon the relevant request of the applicant, EUROCERT as Third Party Authority has reviewed the Technical Construction File of the described product which found to fulfill the basic health and safety prerequisites of the relevant Standard(s).

Note:

- The manufacturer should issue a Declaration of Conformity according to the basic requirements of the applicable and relevant directives.
- All modifications to the Technical File should be first submitted to the Third Party Inspection Authority to ensure further validity of this attestation.
- This certificate is valid only for the product and configuration described and in conjunction with the technical data detailed above.

Please check the validity of the attestation from our website using the password **A46XZfmY**.



On Behalf of EUROCERT

George Briskolas
Managing Director

89 CHALCIS STR. & LYCOMISSION, 14452 METAMORFOSI, ATHENS, GREECE
Tel: ++30 210 6252495 / 30 210 6253927 Fax: ++30 210 6203018
Internet: www.eurocert.gr e-mail: info@eurocert.gr

Certificate No.: TP1.0021

page 1 of 3

ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ

Управление Роспотребнадзора по Республике Адыгея (Адыгея)
Главный государственный санитарный врач Республики Адыгея
Республика Адыгея
(уполномоченный орган государственного санитарно-эпидемиологического надзора)

СВИДЕТЕЛЬСТВО

о государственной регистрации продукции

№ RU.01.PA.02.013.E.000265.03.22 от 04.03.2022 г.

ПРОДУКЦИЯ

Трубы напорные из сшитого полиэтилена PE-Xb, в том числе многослойные PE-Xb/EVON и металлополимерные PE-Xb/AL/PE-Xb торговых марок "RIIFO Vita", "RIIFO Vita Plus", "RIIFO Omni". Область применения: для систем хозяйственно-питьевого холодного, горячего водоснабжения и отопления. Изготовлена в соответствии с документами: описания продукции; информации о составе продукции, производимой компанией производителем.

ИЗГОТОВИТЕЛЬ

Rifeng Enterprise (Foshan) Co., Ltd., Адрес: F1-F14 Building, No. 1 Rifeng Road, Leping Town, Sanshui District, Foshan City, Guangdong Province 528317, China (Китайская Народная Республика).

ЗАЯВИТЕЛЬ

ООО "РИИФО РУС", юридический адрес: 115522, Г.МОСКВА, ВН.ТЕР.Г. МУНИЦИПАЛЬНЫЙ ОКРУГ МОСКВОРЕЧЬЕ-САБУРОВО, ПР-КТ ПРОЛЕТАРСКИЙ, Д. 17 К. 1, ЭТАЖ 1, ПОМЕЩ. КОМ. II/1; ИНН 9724065182 (Российская Федерация). ОГРН: 1217700603560

СООТВЕТСТВУЕТ

Единым санитарно - эпидемиологическим и гигиеническим требованиям к товарам, подлежащим санитарно-эпидемиологическому надзору (контролю), утв. Решением комиссии Таможенного союза от 28.05.2010 года № 299 (глава II, раздел 3)

СВИДЕТЕЛЬСТВО ВЫДАНО НА ОСНОВАНИИ

-Экспертное заключение ООО "Гигиена-ЭКО-Кубань" № 000697 от 02.03.2022 года (аттестат аккредитации № RA.RU.710250 от 16.11.2017 года); Протокол № 04.1221.20690.45123.1 от 28.02.2022 года, выданный: ИЛЦ ФБУН "Северо-Западный научный центр гигиены и общественного здоровья" (аттестат аккредитации № РОСС RU.0001.511172) 191036, г. Санкт-Петербург, ул. 2-я Советская, д. 4.

СРОК ДЕЙСТВИЯ

не ограничен

Руководитель

(должность руководителя (уполномоченного лица) уполномоченного органа государственного члена Евразийского экономического союза)



Завгородний С.А.

№0441311

ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ

Управление Роспотребнадзора по Республике Адыгея (Адыгея)
Главный государственный санитарный врач Республики Адыгея
Республика Адыгея
(уполномоченный орган государственного санитарно-эпидемиологического надзора)

СВИДЕТЕЛЬСТВО

о государственной регистрации продукции

№ RU.01.PA.02.013.E.000266.03.22 от 04.03.2022 г.

ПРОДУКЦИЯ

Соединительные детали, фитинги, коллекторы, краны, клапаны, вентили из латуни торговых марок "RIIFO Vita", "RIIFO Vita Plus", "RIIFO Omni", "RIIFO Alba", "RIIFO Flow". Область применения: для систем хозяйственно-питьевого холодного, горячего водоснабжения и отопления. Изготовлена в соответствии с документами: описания продукции; информации о составе продукции, производимой компанией производителем.

ИЗГОТОВИТЕЛЬ

Rifeng Enterprise (Foshan) Co., Ltd., Адрес: F1-F14 Building, No. 1 Rifeng Road, Leping Town, Sanshui District, Foshan City, Guangdong Province 528317, China (Китайская Народная Республика).

ЗАЯВИТЕЛЬ

ООО "РИИФО РУС", юридический адрес: 115522, Г.МОСКВА, ВН.ТЕР.Г. МУНИЦИПАЛЬНЫЙ ОКРУГ МОСКВОРЕЧЬЕ-САБУРОВО, ПР-КТ ПРОЛЕТАРСКИЙ, Д. 17 К. 1, ЭТАЖ 1, ПОМЕЩ. КОМ. II/1; ИНН 9724065182 (Российская Федерация). ОГРН: 1217700603560

СООТВЕТСТВУЕТ

Единым санитарно - эпидемиологическим и гигиеническим требованиям к товарам, подлежащим санитарно-эпидемиологическому надзору (контролю), утв. Решением Комиссии Таможенного союза от 28.05.2010 года № 299 (глава II, раздел 3)

СВИДЕТЕЛЬСТВО ВЫДАНО НА ОСНОВАНИИ

-Экспертное заключение ООО "Гигиена-ЭКО-Кубань" № 000698 от 02.03.2022 года (аттестат аккредитации № RA.RU.710250 от 16.11.2017 года); Протокол № 04.1221.20691.45233.1 от 28.02.2022 года, выданный: ИЛЦ ФБУН "Северо-Западный научный центр гигиены и общественного здоровья" (аттестат аккредитации № РОСС RU.0001.511172) 191036, г. Санкт-Петербург, ул. 2-я Советская, д. 4; Протокол № 1670 от 09.02.2022 года, выданный ФБУЗ "Центр гигиены и эпидемиологии в городе Санкт-Петербурге", юридический адрес: 192102, г. Санкт-Петербург, пр. Волковский, д. 77 (уникальный номер записи об аккредитации в реестре аккредитованных лиц РОСС RU.0001.510151).

Руководитель

(должность руководителя (уполномоченного лица) уполномоченного органа государственного члена Евразийского экономического союза)



Завгородний С.А.

№0441312

PP-R Plumbing System Certificates

NSF International
REFERENCE CERTIFICATE

Rifeng Enterprise (Foshan) Co., Ltd.
Facility: Foshan, China

COMPLIES WITH NSF/ANSI 14 AND THE FOLLOWING REFERENCE STANDARDS. PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE AUTHORIZED TO BEAR THE NSF MARK.

- ASTM E84
- ASTM F1281
- ASTM F1807
- ASTM F1960
- ASTM F2159
- ASTM F877
- ASTM F876/F877
- ASME A112.4.14/CSA B125.14
- AWWA C904
- CAN/ULC S102.2
- CSA B137.5
- CSA B137.10
- NSF/ANSI 61
- NSF/ANSI 372



U.P. Code



ANSI

Certification Program Accredited by the American National Standards Institute



NSF



C US



Certification Program Accredited by the Standards Council of Canada

This certificate is supplemental to the NSF Certification Certificate and does not replace the NSF Certification Certificate. This certificate is the property of NSF International and must be returned upon request. For the most current and complete product information, please access NSF's website (www.nsf.org).

Issue Date: April 10, 2023
Certificate Valid Through: April 10, 2024
Certificate # 74631-18R



David Purkiss
Vice President, Water Systems

AENOR

AENOR Product Certificate
Plastics



001/006719

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office	5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG 528000 China
supplies	Fittings for polypropylene pipes for hot and cold water installations
in compliance with	UNE-EN ISO 15874-1:2013 (EN ISO 15874-1:2013) UNE-EN ISO 15874-3:2013 (EN ISO 15874-3:2013)
Trademark	RIFENG
	See annex for more information.
Production site	F1-F14 OF NO. 1 RIFENG ROAD, LEPING TOWN, SANSHUI DISTRICT FOSHAN CITY 528000 China
Certification scheme	In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.16.
First issued on	2017-05-30
Last issued on	2022-05-30
Validity date	2027-05-30

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00 - www.aenor.com



Rafael GARCÍA MEIRO
Chief Executive Officer

Product certification body accredited by ENAC, number 1/C-PR271

AENOR

AENOR Product Certificate Plastics



001/006680

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG
528000 China

supplies Polypropylene (PP-R) pipes for hot and cold water installations

in compliance with UNE-EN ISO 15874-1:2013 (EN ISO 15874-1:2013)
UNE-EN ISO 15874-2:2013 (EN ISO 15874-2:2013)

TRADEMARK RIFENG

See annex for more information.

Production site F1-F14 OF NO. 1 RIFENG ROAD, LEPING TOWN, SANSHUI DISTRICT
FOSHAN CITY 528000 China

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.16.

First issued on 2017-02-24
Last issued on 2022-02-24
Validity date 2027-02-24

Rafael GARCÍA MEIRO
Chief Executive Officer

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00- www.aenor.com

Product certification body accredited by ENAC, number 1/C-PR271

AENOR

AENOR Product Certificate Plastics



001/006720

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG
528000 China

supplies Plastics piping system for hot and cold water installations. Polypropylene

in compliance with UNE-EN ISO 15874-1:2013 (EN ISO 15874-1:2013)
UNE-EN ISO 15874-5:2013 (EN ISO 15874-5:2013)

System description Trademark: RIFENG
Type of joint: Thermofusion / Metallic parts
Application class / Design pressure (bar): 1/8 ; 2/6 ; 4/10 ; 5/6

See annex for more information.

Production site F1-F14 OF NO. 1 RIFENG ROAD, LEPING TOWN, SANSHUI DISTRICT
FOSHAN CITY 528000 China

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.16.

First issued on 2017-05-30
Last issued on 2022-05-30
Validity date 2027-05-30

Rafael GARCÍA MEIRO
Chief Executive Officer

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00- www.aenor.com

Product certification body accredited by ENAC, number 1/C-PR271

AENOR

AENOR Product Certificate Plastics



001/007310

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

registered office F1-F14 No. 1 Rifeng Road, Sanshui District Foshan City 528000 Guangdong (China)

supplies Fittings for polypropylene pipes for hot and cold water installations

in compliance with UNE-EN ISO 15874-1:2013 (EN ISO 15874-1:2013)
UNE-EN ISO 15874-3:2013 (EN ISO 15874-3:2013)

Trademark RIIFO

See annex for more information.

Production site F1-F14 of No. 1 Rifeng Road, Leping Town, Sanshui District Foshan City 528000 China

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.16.

First issued on 2021-10-26
Last issued on 2022-05-30
Validity date 2027-05-30

Rafael GARCÍA MEIRO
Chief Executive Officer

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00 - www.aenor.com

Product certification body accredited by ENAC, number 1/C-PR271

AENOR

AENOR Product Certificate Plastics



001/007309

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

registered office F1-F14 No. 1 Rifeng Road, Sanshui District Foshan City 528000 Guangdong (China) China

supplies Polypropylene (PP-R) pipes for hot and cold water installations

in compliance with UNE-EN ISO 15874-1:2013 (EN ISO 15874-1:2013)
UNE-EN ISO 15874-2:2013 (EN ISO 15874-2:2013)

TRADEMARK RIIFO

See annex for more information.

Production site F1-F14 OF NO. 1 RIFENG ROAD, LEPING TOWN, SANSHUI DISTRICT FOSHAN CITY 528000 China

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.16.

First issued on 2021-10-26
Last issued on 2022-02-24
Validity date 2027-02-24

Rafael GARCÍA MEIRO
Chief Executive Officer

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00 - www.aenor.com

Product certification body accredited by ENAC, number 1/C-PR271

AENOR

AENOR Product Certificate Plastics



001/007311

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

registered office	F1-F14 No. 1 Rifeng Road, Sanshui District Foshan City 528000 Guangdong (China)
supplies	Plastics piping system for hot and cold water installations. Polypropylene
in compliance with	UNE-EN ISO 15874-1:2013 (EN ISO 15874-1:2013) UNE-EN ISO 15874-5:2013 (EN ISO 15874-5:2013)
System description	Trademark: RIIFO Type of joint: Thermofusion / Metallic parts Application class / Design pressure (bar): 1/8 ; 2/6 ; 4/10 ; 5/6 See annex for more information.
Production site	F1-F14 of No. 1 Rifeng Road, Leping Town, Sanshui District Foshan City 528000 China
Certification scheme	In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.16.
First issued on	2021-10-26
Last issued on	2022-05-30
Validity date	2027-05-30

Rafael GARCÍA MEIRO
Chief Executive Officer

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00 - www.aenor.com

Product certification body accredited by ENAC, number 1/C-PR271



CERT

DVGW-Baumusterprüfzertifikat DVGW type examination certificate

DW-8317CU0153
Registriernummer
registration number

Anwendungsbereich field of application	Produkte der Wasserversorgung products of water supply
Zertifikatinhaber owner of certificate	Rifeng Enterprise Group Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Vertreiber distributor	Rifeng Enterprise Group Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart product category	Kunststoffrohre für die Trinkwasserinstallation: PP-R, SDR 6 (8317)
Produktbezeichnung product description	Kunststoffrohr aus PP-R für die Trinkwasserinstallation
Modell model	Rifeng PPR Pipe
Prüfberichte test reports	Baumusterprüfung: V051/18 vom 30.04.2019 (IMA) KTW-Prüfung: K-309912-19-Bs/st vom 06.03.2019 (WHY) Mikrobiologische Prüfung: W-300490e-18-SI/ta vom 03.07.2018 (WHY)
Prüfgrundlagen test basis	DVGW W 544 (01.05.2007) UBA KTW (07.03.2016) DVGW W 270 (01.11.2007)

Ablaufdatum / AZ
date of expiry / file no. 30.04.2024 / 18-0085-WNE

24.05.2019 Fk A-1/2

Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date issued by, sheet, head of certification body

DVGW CERT GmbH ist von der DAkkS nach DIN EN ISO/IEC 17065:2013
akkreditierte Stelle für die Zertifizierung von Produkten der Energie- und
Wasserversorgung.

DVGW CERT GmbH is an accredited body by DAkkS according to DIN EN
ISO/IEC 17065:2013 for certification of products for energy and water supply
industry.

Deutsche
Akkreditierungsstelle
D-ZE-16028-01-05

DVGW CERT GmbH
Zertifizierungsstelle
Josef-Wimmer-Str. 1-3
53123 Bonn
Tel. +49 228 91 88 - 888
Fax +49 228 91 88 - 993
www.dvgw-cert.com
info@dvgw-cert.com



DVGW-Baumusterprüfzertifikat
DVGW type examination certificate

DW-8317CU0154
 Registriernummer
 registration number

Anwendungsbereich <i>field of application</i>	Produkte der Wasserversorgung <i>products of water supply</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise Group Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Vertreiber <i>distributor</i>	Rifeng Enterprise Group Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Kunststoffrohre für die Trinkwasserinstallation: PP-R, SDR 6 (8317)
Produktbezeichnung <i>product description</i>	Kunststoffrohr aus PP-R für die Trinkwasserinstallation
Modell <i>model</i>	Rifeng PPR Pipe
Prüfberichte <i>test reports</i>	Baumusterprüfung: V051/18 vom 30.04.2019 (IMA) KTW-Prüfung: K-298583-18-Bs/st vom 24.05.2018 (WHY) Mikrobiologische Prüfung: W-300490e-18-SI/to vom 03.07.2018 (WHY)
Prüfgrundlagen <i>test basis</i>	DVGW W 544 (01.05.2007) UBA KTW (07.03.2016) DVGW W 270 (01.11.2007)

Ablaufdatum / AZ
date of expiry / file no. 30.04.2024 / 18-0085-WNE

24.05.2019 Fk A-1/2
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification body

DVGW CERT GmbH ist von der DAkkS nach DIN EN ISO/IEC 17065:2013
 akkreditierte Stelle für die Zertifizierung von Produkten der Energie- und
 Wasserversorgung.

DVGW CERT GmbH is an accredited body by DAkkS according to DIN EN
 ISO/IEC 17065:2013 for certification of products for energy and water supply
 industry.



Deutsche
 Akkreditierungsstelle
 D-ZE-16028-01-05

DVGW CERT GmbH
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 Josef-Wirmer-Str. 1-3
 53123 Bonn

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 Fax +49 228 91 88 - 993

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 info@dvgw-cert.com



DVGW-Baumusterprüfzertifikat
DVGW type examination certificate

DW-8501CU0174
 Registriernummer
 registration number

Anwendungsbereich <i>field of application</i>	Produkte der Wasserversorgung <i>products of water supply</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Vertreiber <i>distributor</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Installationssysteme und Systemverbinder (PN 10): Trinkwasserinstallationssystem (8501)
Produktbezeichnung <i>product description</i>	Trinkwasserinstallationssystem bestehend aus Schweißverbindern aus PP-R, Typ S-KK und Kunststoffrohren aus PP-R
Modell <i>model</i>	RIFENG PPR Fitting
Prüfberichte <i>test reports</i>	Baumusterprüfung: V052/18A vom 18.06.2019 (IMA) KTW-Prüfung: K-397405-18-Bs/st vom 20.04.2018 (WHY) Mikrobiologische Prüfung: W-300490e-18-SI/to vom 03.07.2018 (WHY)
Prüfgrundlagen <i>test basis</i>	DVGW W 534-(P) (01.07.2015) DVGW CERT ZP 1000 (09.03.2017) UBA METALLE (21.11.2018) UBA KTW (07.03.2016)

Ablaufdatum / AZ
date of expiry / file no. 30.04.2024 / 21-0944-WNR

04.05.2022 GI A-1/2
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification body



Deutsche
 Akkreditierungsstelle
 D-ZE-16028-01-05

DVGW CERT GmbH
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 53123 Bonn

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 info@dvgw-cert.com



DVGW-Konformitätsbestätigung Hygiene
DVGW certificate of conformity hygiene

HW-1002DN0204
 Registriernummer
 registration number

Konformitätsbestätigung <i>confirmation of conformity</i>	System 1+ mit Fremdüberwachung <i>system 1+ with audit testing</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Hersteller <i>manufacturer</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Hygienische Eignung nach System 1+: Bauteile aus Kunststoffen, Produktgruppe P1 (1002)
Produktbezeichnung <i>product description</i>	Kunststoffrohr aus PP-R
Werkstoff/Modell <i>material/model</i>	RIFENG PP-R Pipe group I
Prüfberichte <i>test reports</i>	Zertifizierungsbericht: vom 04.05.2022 (ZGW)
Prüfgrundlagen <i>test basis</i>	DVGW CERT ZP 1000 (05.10.2021) UBA KTW-BWGL (07.03.2022) UBA Übergangsregelung KTW-BWGL (10.07.2020) DIN EN 16421 (01.05.2015)

Ablaufdatum / AZ 21.09.2024 / 21-0368-WHE
date of expiry / file no.

Hiermit wird bestätigt, dass das o.g. Produkt/Bauteil auf der Grundlage des Zertifizierungsprogrammes DVGW CERT ZP 1000 der zur Verfügung gestellten Produktinformationen, einschließlich der Rezepturangaben und des o.g. Bewertungsberichts die Anforderungen der unter Prüfgrundlagen genannten Bewertungsgrundlage/Leitlinie des Umweltbundesamtes für den rückseitig genannten Temperaturbereich erfüllt und dieser entspricht.

30.06.2022 Br A-1/2
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
 date, issued by, sheet, head of certification body



DVGW CERT GmbH
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 53123 Bonn
 Tel. +49 228 91 88 - 888
 Fax +49 228 91 88 - 993
 www.dvgw-cert.com
 info@dvgw-cert.com



DVGW-Konformitätsbestätigung Hygiene
DVGW certificate of conformity hygiene

HW-1002DN0206
 Registriernummer
 registration number

Konformitätsbestätigung <i>confirmation of conformity</i>	System 1+ mit Fremdüberwachung <i>system 1+ with audit testing</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Hersteller <i>manufacturer</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Hygienische Eignung nach System 1+: Bauteile aus Kunststoffen, Produktgruppe P1 (1002)
Produktbezeichnung <i>product description</i>	Kunststoffrohr aus PP-R
Werkstoff/Modell <i>material/model</i>	RIFENG PP-R Pipe group II
Prüfberichte <i>test reports</i>	Zertifizierungsbericht: vom 04.05.2022 (ZGW)
Prüfgrundlagen <i>test basis</i>	DVGW CERT ZP 1000 (05.10.2021) UBA KTW-BWGL (07.03.2022) UBA Übergangsregelung KTW-BWGL (10.07.2020) DIN EN 16421 (01.05.2015)

Ablaufdatum / AZ 21.09.2024 / 21-0368-WHE
date of expiry / file no.

Hiermit wird bestätigt, dass das o.g. Produkt/Bauteil auf der Grundlage des Zertifizierungsprogrammes DVGW CERT ZP 1000 der zur Verfügung gestellten Produktinformationen, einschließlich der Rezepturangaben und des o.g. Bewertungsberichts die Anforderungen der unter Prüfgrundlagen genannten Bewertungsgrundlage/Leitlinie des Umweltbundesamtes für den rückseitig genannten Temperaturbereich erfüllt und dieser entspricht.

23.05.2022 Br A-1/2
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
 date, issued by, sheet, head of certification body



DVGW CERT GmbH
 Zertifizierungsstelle
 Josef-Wirmer-Str. 1-3
 53123 Bonn
 Tel. +49 228 91 88 - 888
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 info@dvgw-cert.com



DVGW-Konformitätsbestätigung Hygiene
DVGW certificate of conformity hygiene

HW-1002DN0205
 Registriernummer
 registration number

Konformitätsbestätigung <i>confirmation of conformity</i>	System 1+ mit Fremdüberwachung <i>system 1+ with audit testing</i>
Zertifikatinhaber <i>owner of certificate</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Hersteller <i>manufacturer</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Hygienische Eignung nach System 1+: Bauteile aus Kunststoffen, Produktgruppe P1 (1002)
Produktbezeichnung <i>product description</i>	Fitting aus PP-R
Werkstoff/Modell <i>material/model</i>	RIFENG PPR Fitting
Prüfberichte <i>test reports</i>	Zertifizierungsbericht: vom 04.05.2022 (ZGW)
Prüfgrundlagen <i>test basis</i>	DVGW CERT ZP 1000 (05.10.2021) UBA KTW-BWGL (07.03.2022) UBA Übergangsregelung KTW-BWGL (10.07.2020) DVGW W 270 (01.11.2007)

Ablaufdatum / AZ 21.09.2024 / 21-0368-WHE
date of expiry / file no.

Hiermit wird bestätigt, dass das o.g. Produkt/Bauteil auf der Grundlage des Zertifizierungsprogrammes DVGW CERT ZP 1000 der zur Verfügung gestellten Produktinformationen, einschließlich der Rezepturangaben und des o.g. Bewertungsberichts die Anforderungen der unter Prüfgrundlagen genannten Bewertungsgrundlage/Leitlinie des Umweltbundesamtes für den rückseitig genannten Temperaturbereich erfüllt und dieser entspricht.

04.05.2022 Br A-1/2
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
 date, issued by, sheet, head of certification body



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DVGW-Baumusterprüfzertifikat
DVGW type examination certificate

DW-8317CU0153
 Registriernummer
 registration number

Anwendungsbereich <i>field of application</i>	Produkte der Wasserversorgung <i>products of water supply</i>
Vertreiber <i>distributor</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Produktart <i>product category</i>	Kunststoffrohre für die Trinkwasserinstallation: PP-R, SDR 6 (8317)
Produktbezeichnung <i>product description</i>	Kunststoffrohr aus PP-R für die Trinkwasserinstallation
Modell <i>model</i>	RIIFO PPR Pipe
Prüfberichte <i>test reports</i>	Baumusterprüfung: V051/18 vom 30.04.2019 (IMA) KTW-Prüfung: K-309912-19-Bs/st vom 06.03.2019 (WHY) Mikrobiologische Prüfung: W-300490e-18-SI/to vom 03.07.2018 (WHY)
Prüfgrundlagen <i>test basis</i>	DVGW W 544 (01.05.2007) UBA KTW (07.03.2016) DVGW W 270 (01.11.2007)

Ablaufdatum / AZ 30.04.2024 / 21-0944-WNR
date of expiry / file no.

10.11.2021 GI B-1/2
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
 date, issued by, sheet, head of certification body



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CERT

DVGW type examination certificate

DVGW-Baumusterprüfzertifikat

DW-8317CU0153
Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of water supply <i>Produkte der Wasserversorgung</i>
Distributor <i>Vertreiber</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Product Category <i>Produktart</i>	plastic pipes for drinking water installations: PP-R, SDR 6 (8317)
Product Description <i>Produktbezeichnung</i>	plastic pipe made of PP-R for the drinking water installation
Model <i>Modell</i>	RIIFO PPR Pipe
Test Reports <i>Prüfberichte</i>	type testing: V051/18 from 30.04.2019 (IMA) KTW testing: K-309912-19-Bs/st from 06.03.2019 (WHY) hygienic testing: W-300490e-18-SI/to from 03.07.2018 (WHY)
Test Basis <i>Prüfgrundlagen</i>	DVGW W 544 (01.05.2007) UBA KTW (07.03.2016) DVGW W 270 (01.11.2007)

Date of Expiry / File No. 30.04.2024 / 21-0944-WNR
Ablaufdatum / Aktenzeichen

10.11.2021 GI B-1/2

Date, Issued by, Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle



Deutsche
Akkreditierungsstelle
D-ZE-16028-01-05

DVGW CERT GmbH
Zertifizierungsstelle

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CERT

DVGW type examination certificate

DVGW-Baumusterprüfzertifikat

DW-8501CU0174
Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of water supply <i>Produkte der Wasserversorgung</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Distributor <i>Vertreiber</i>	Rifeng Enterprise (Foshan) Co., Ltd. F1 - F14, No.1 Rifeng Road, CN- Foshan City, Sanshui district
Product Category <i>Produktart</i>	installation systems and system joints: drinking water installation system (8501)
Product Description <i>Produktbezeichnung</i>	drinking water installation system consisting of fusion fittings made of PP-R, type S-KK and pipes made of plastic PP-R
Model <i>Modell</i>	RIFENG PPR Fitting
Test Reports <i>Prüfberichte</i>	type testing: V052/18A from 18.06.2019 (IMA) KTW testing: K-397405-18-Bs/st from 20.04.2018 (WHY) hygienic testing: W-300490e-18-SI/to from 03.07.2018 (WHY)
Test Basis <i>Prüfgrundlagen</i>	DVGW W 534-(P) (01.07.2015) DVGW CERT ZP 1000 (09.03.2017) UBA METALLE (21.11.2018) UBA KTW (07.03.2016)

Date of Expiry / File No. 30.04.2024 / 21-0944-WNR
Ablaufdatum / Aktenzeichen

10.11.2021 GI A-1/2

Date, Issued by, Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle



Deutsche
Akkreditierungsstelle
D-ZE-16028-01-05

DVGW CERT GmbH
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PEX Plumbing System Certificates



SINGAPORE GREEN BUILDING PRODUCT CERTIFICATE

AWARDED TO
Rifeng Enterprise (Foshan) Co., Ltd

RIFENG ENTERPRISE (FOSHAN) CO., LTD F1-F14, No.1 RIFENG ROAD, LEPING TOWN, SAN SHUI DISTRICT, FOSHAN, GUANGDONG, R. P. CHINA
China 528000

FOR THE PRODUCT
Pipe & Fittings - Potable Water

PRODUCT BRAND
Rifeng/RIIFO

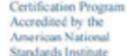
PRODUCT MODEL
MONOLAYER PPR-S2.5- [20X3.4, 25x4.2, 32x5.4, 40x6.7, 50x8.3, 63x10.5, 75x12.5, 90x15, 110x18.3, 160x26.6], MONOLAYER PPR-S3.2-[20x2.8, 25x3.5, 32x4.4, 40x5.5, 50x6.9, 63x8.6, 75x10.3, 90x12.3, 110x15.1, 160x21.9], MONOLAYER PPR-S4- [20x2.3, 25x2.8, 32x3.6, 40x4.5, 50x5.6, 63x7.1, 75x8.4, 90x10.1, 110x12.3, 160x17.9], MONOLAYER PPR-S5- [20x2.0, 25x2.3, 32x2.9, 40x3.7, 50x4.6, 63x5.8, 75x6.8, 90x8.2, 110x10, 160x14.6], Equal Union F12- [S20x20, S25x25, S32x32, S40x40, S50x50, S63x63, S75x75, S90x90, S110x110], Reducer F12- [S25x20, S32x20, S32x25, S40x20, S40x25, S40x32, S50x20, S50x25, S50x32, S50x40, S63x20, S63x25, S63x32, S63x40, S63x50, S75x63, S90x50, S90x63, S90x75, S110x50, S110x63, S110x75, S110x90], S Type Union SF12- [S20x20, S25x25], Bridge Fitting F12- [W20x20, W25x25, W32x32], Pipe Bridge F12- [W20x20 (L) (2.5), W25x25 (L) (2.5), W32x32 (L) (2.5)], Male Union F12- [S20x1/2M, S20x3/4M, S25x1/2M, S25x3/4M, S25x1M, S32x1/2M, S32x3/4M, S32x1M, S40x1 1/4M, S50x1 1/2M, S63x2M], Female Union F12- [S20x1/2F, S20x3/4F, S25x1/2F, S25x1F, S25x3/4F, S32x1/2F, S32x3/4F, S32x1F, S40x1 1/4F, S50x1 1/2F, S63x2F], Equal Flexible Joint F12- [S20x20 (H), S25x25 (H), S32x32 (H)], Flexible Male Union F12- [S20x1/2M (H), S20x3/4M (H), S25x1/2M (H), S25x3/4M (H), S25x1M (H), S32x3/4M (H), S32x1M (H), S40x1 1/4M (H), S50x1 1/2M (H), S63x2M (H)], Flexible Female Union F12- [S20x1/2F (H), S20x3/4F (H), S25x1/2F (H), S25x3/4F (H), S25x1F (H), S32x1F (H), S40x1 1/4F (H), S50x1 1/4F (H), S63x2F (H)], End Cap F12-[D20, D25, D32, D40, D50, D63, D75, D90, D110], Equal Tee F12- [T20x20x20, T25x25x25, T32x32x32,

NSF International
REFERENCE CERTIFICATE

Rifeng Enterprise (Foshan) Co., Ltd.
Facility: Foshan, China

COMPLIES WITH NSF/ANSI 14 AND THE FOLLOWING REFERENCE STANDARDS. PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE AUTHORIZED TO BEAR THE NSF MARK.

- ASTM E84
- ASTM F1281
- ASTM F1807
- ASTM F1960
- ASTM F2159
- ASTM F877
- ASTM F876/F877
- ASME A112.4.14/CSA B125.14
- AWWA C904
- CAN/ULC S102.2
- CSA B137.5
- CSA B137.10
- NSF/ANSI 61
- NSF/ANSI 372



This certificate is supplemental to the NSF Certification Certificate and does not replace the NSF Certification Certificate. This certificate is the property of NSF International and must be returned upon request. For the most current and complete product information, please access NSF's website (www.nsf.org).

Issue Date: April 10, 2023
Certificate Valid Through: April 10, 2024
Certificate # 74631-18R


David Purkiss
Vice President, Water Systems



CERTIFICATE OF CONFORMITY

SAI Global hereby grants:

Rifeng Enterprise Group Co.,Ltd.

5/F, Rifeng Building, 16 Zumiao Road, Foshan, Guangdong China

Watermark Certificate of Conformity

Evaluated to:

AS 2492:2007 Cross-linked polyethylene (PE-X) pipes for pressure applications

"the WaterMark Licensee" the right to use or arrange the use of the WATERMARK as shown below only in respect of the goods described and detailed on the product schedule identified on www.saiglobal.com which are produced by the WaterMark Licensee or on behalf of the WaterMark Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the WATERMARK and the Terms and Conditions for certification. The WaterMark Licensee covenants to comply with all the Rules and Terms and Conditions.

This Certificate is issued by a JAS-ANZ accredited certification body. The Scheme Owner, Administering Body and Accreditation Body do not in any way warrant, guarantee or represent that the product the subject of this Certificate conforms to the WaterMark Certification Scheme Rules, nor accepts any liability arising out of the use of the product. The Scheme Owner disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate.

Certificate No:WMKA021344

Issued: 20 December 2021

Originally Certified: 24 February 2009

Expires: 23 February 2024

Current Certification: 20 December 2021

Frank Camasta
Global Head of Technical Services
SAI Global Assurance



* For details of manufacture, refer to the licensee

The WaterMark is a registered certification trademark of Australian Building Codes Board ABN 74 599 608 295 and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate may only be reproduced in its entirety and remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com for the list of product models.



CERTIFICATE OF CONFORMITY

SAI Global hereby grants:

Rifeng Enterprise Group Co.,Ltd.

5/F, Rifeng Building, 16 Zumiao Road, Foshan, Guangdong China

Watermark Certificate of Conformity

Evaluated to:

AS/NZS 2537.2:2011 - Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Fittings (ISO 15875-3:2003, MOD)

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This Certificate is issued by a JAS-ANZ accredited certification body. The Scheme Owner, Administering Body and Accreditation Body do not in any way warrant, guarantee or represent that the product the subject of this Certificate conforms to the WaterMark Certification Scheme Rules, nor accepts any liability arising out of the use of the product. The Scheme Owner disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate.

Certificate No:WMKA21740

Issued: 27 August 2021

Originally Certified: 13 March 2009

Expires: 12 March 2024

Current Certification: 27 August 2021

Frank Camasta
Global Head of Technical Services
SAI Global Assurance



* For details of manufacture, refer to the licensee

The WaterMark is a registered certification trademark of Australian Building Codes Board ABN 74 599 608 295 and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate may only be reproduced in its entirety and remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com for the list of product models.





STANDARDSMARK LICENCE

SAI Global hereby grants:

Rifeng Enterprise Group Co.,Ltd.

5/F, Rifeng Building, 16 Zumiao Road, Foshan, Guangdong China

StandardsMark Licence

Manufactured to:

NBR 15939-1:2011 - Plastics Piping Systems For Hot And Cold Water Installations - Crosslinked Polyethylene (Pe-X) - Part 1: Requirements And Test Methods

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

Licence No: SMKP25630

Issued : 5 February 2022
Expires : 22 August 2027

Originally Certified : 23 August 2012
Current Certification : 2 February 2022

Calin Moldovean
President, Business Assurance
SAI Global Assurance



* For details of manufacture, refer to the licensee

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GAS Piping System Certificates

EPD[®]
THE INTERNATIONAL EPD[®] SYSTEM

CERTIFICATE
EPD REGISTRATION

This document is to confirm that

RIFENG ENTERPRISE GROUP CO., LTD

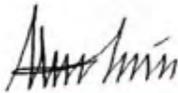
has published an Environmental Product Declaration for

RIFENG CRIMP FITTINGS

with registration number S-P-01650
in the International EPD[®] System.

The EPD has been developed in accordance with ISO 14025, the General Programme Instructions for the International EPD[®] System and the reference PCR 2012:01. Verification was performed by Susanne Jorre.

This document is valid until 2024-07-29, or until the EPD is de-registered and no longer published at www.environdec.com.


ADAM LEWRÉN
Secretariat of the International EPD[®] System
Gothenburg, Sweden, 2019-09-16

AENOR

AENOR Product Certificate
Plastics


AENOR
Producto
Certificado

001/006561

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN
528000 GUANGDONG (China)

supplies Multilayer pipe systems for indoor gas installations with a maximum operating pressure (MOP) up to and including 5 bar (500 kPa)

in compliance with UNE 53008-1:2014

System description Trademark: RIFENG
Color pipes: Yellow
Intended use: Suitable for indoor and outdoor installations
Pipes and fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city - China)
Type of welding of the pipes: Solape
Type of joint: Press fitting
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.82.

First issued on 2016-02-10
Last issued on 2021-02-10
Validity date 2026-02-10


Rafael GARCÍA MEIRO
Chief Executive Officer

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00- www.aenor.com

AENOR

AENOR Product Certificate Plastics



001/007195

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office	5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN 528000 GUANGDONG (China)
supplies	Multilayer pipe systems for indoor gas installations with a maximum operating pressure (MOP) up to and including 5 bar (500 kPa)
in compliance with	UNE 53008-1:2014
System description	Details in annex for more information.
Production site(s)	F1-F14 OF NO. 1 RIFENG ROAD, LEPING TOWN, SANSHUI DISTRICT FOSHAN CITY 528000 (China)
Certification scheme	In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.82.

This certificate supersedes 001/007195, dated 2020-12-16

First issued on 2020-12-16
Modified on 2021-01-25
Validity date 2025-12-16

Rafael GARCIA MEIRO
Chief Executive Officer

AENOR INTERNACIONAL SAU
Génova, 6. 28004 Madrid, España
Tel. 91 432 60 00.- www.aenor.com

AENOR

AENOR Product Certificate Plastics



001/006700

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office	5th/F Rifeng Building, 16 Zumiao Road, Foshan Guangdong 528000 China
supplies	Multilayer pipe systems for indoor gas installations with a maximum operating pressure (MOP) up to and including 5 bar (500 kPa)
in compliance with	UNE 53008-1:2014
System description	Trademark: RIFENG Color pipes: Black with yellow stripes Intended use: Suitable for indoor and outdoor installations Pipes and fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD. (Foshan city- China) Type of welding of the pipes: Buttwelding Type of joint: Press fitting Type of clamp: U See annex for more information.
Production site(s)	F1-F14 Of No. 1 Rifeng Road, Leping Town, Sanshui District Foshan City 528000 China
Certification scheme	In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.82.

First issued on 2017-04-04
Last issued on 2022-04-04
Validity date 2027-04-04

Rafael GARCIA MEIRO
Chief Executive Officer

AENOR INTERNACIONAL SAU
Génova, 6. 28004 Madrid, España
Tel. 91 432 60 00.- www.aenor.com

AENOR

AENOR Product Certificate Plastics



001/007196

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

- registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN 528000 GUANGDONG (China)
- supplies Multilayer pipe systems for indoor gas installations with a maximum operating pressure (MOP) up to and including 5 bar (500 kPa)
- in compliance with UNE 53008-1:2014
- System description Details in annex for more information.
- Production site(s) F1-F14 OF NO. 1 RIFENG ROAD, LEPING TOWN, SANSHUI DISTRICT FOSHAN CITY 528000 (China)
- Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.82.

This certificate supersedes 001/007196, dated 2020-12-16

First issued on 2020-12-16
Modified on 2021-01-25
Validity date 2025-12-16

Rafael GARCÍA MEIRO
Chief Executive Officer

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00. - www.aenor.com

Original Electronic Certificate

AENOR

AENOR Product Certificate Plastics



001/007307

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

- registered office F1-F14 No. 1 Rifeng Road, Sanshui District Foshan City 528000 Guangdong (China)
- supplies Multilayer pipe systems for indoor gas installations with a maximum operating pressure (MOP) up to and including 5 bar (500 kPa)
- in compliance with UNE 53008-1:2014
- System description Trademark: RIIFO
Color pipes: Yellow
Intended use: Suitable for indoor and outdoor installations
Pipes and fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD. (Foshan city - China)
Type of welding of the pipes: Solape
Type of joint: Press fitting
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.82.

First issued on 2021-10-26
Validity date 2026-02-10

Rafael GARCÍA MEIRO
Chief Executive Officer

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00. - www.aenor.com

Original Electronic Certificate



STANDARDSMARK LICENCE

SAI Global hereby grants:

Rifeng Enterprise Group Co.,Ltd.

5/F, Rifeng Building, 16 Zumiao Road, Foshan, Guangdong China

StandardsMark Licence

Manufactured to:

AS 4176.8-2010 - Multilayer pipes for pressure applications - Multilayer pipe systems for consumer gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) - Specifications for systems (ISO 17484-1:2006, MOD)

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

Licence No: SMK02564

Issued : 14 September 2020
Expires : 13 March 2026

Originally Certified : 14 March 2006
Current Certification : 9 September 2020

Heather Mahon
General Manager Technical Services
SAI Global Assurance



* For details of manufacture, refer to the licensee
The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com, for the list of product models.



STANDARDSMARK LICENCE

SAI Global hereby grants:

Rifeng Enterprise Group Co.,Ltd.

5/F, Rifeng Building, 16 Zumiao Road, Foshan, Guangdong China

StandardsMark Licence

Manufactured to:

ISO 17484-1:2014 - Plastics piping systems - Multilayer pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) - Part 1: Specifications for systems

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

Licence No: SMKP21995

Issued : 8 July 2020
Expires : 11 January 2026

Originally Certified : 12 January 2011
Current Certification : 7 July 2020

Heather Mahon
General Manager Technical Services
SAI Global Assurance



* For details of manufacture, refer to the licensee
The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com, for the list of product models.





STANDARDSMARK LICENCE

SAI Global hereby grants:

Rifeng Enterprise Group Co.,Ltd.

5/F, Rifeng Building, 16 Zumiao Road, Foshan, Guangdong China

StandardsMark Licence

Manufactured to:

AS 3688:2016 - Water supply and gas systems - Metallic fittings and end connectors

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

Licence No: SMK26137

Issued : 1 February 2022
Expires : 23 May 2027

Originally Certified : 24 May 2017
Current Certification : 28 January 2022

Calin Moldovean
President, Business Assurance
SAI Global Assurance



* For details of manufacture, refer to the license

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com, for the list of product models.



Number: KIP133315/21

Revised: n/a

Issued: 16/11/2019

First issued: 16/11/2019

Report: NC000375

Contract: K43-05

Page 1 of 1

CERTIFICATO DI PRODOTTO KQ - KIWA-QUALITY PRODUCT CERTIFICATE KQ - KIWA-QUALITY

Kiwa Cermet Italia dichiara che i prodotti
Kiwa Cermet Italia hereby declare that the products

Sistemi di tubazioni multistrato per uso esterno per installazioni a gas
Multilayer piping systems for outdoor gas installations

Marchio del sistema/System Trade mark

RIFENG

Nominal diameter and nominal wall thickness	Layers/Material	Type	Fittings
DN 18x2.0 A10.21	PE-Xc/PA/PE-Xc	MOP S GAS	Brass press fittings profile U
DN 20x2.0 A10.25	PE-Xc/PA/PE-Xc	MOP S GAS	Brass press fittings profile U
DN 25x2.5 A10.32	PE-Xc/PA/PE-Xc	MOP S GAS	Brass press fittings profile U
DN 32x3.0 A10.37	PE-Xc/PA/PE-Xc	MOP S GAS	Brass press fittings profile U

Sistema Costruito da/System Manufactured by:

Rifeng Enterprise (Foshan) CO.,Ltd.

Foshan, Guangdong, China

In base ai test di tipo campione alle specifiche tecniche che vengono da Kiwa sono ritenuti conformi ai requisiti del Documento Tecnico **Ki-0410, Annex K43**, basato sulla normativa **ISO 18225:2012** e quindi marchiati KQ. La validità di questo certificato è soggetta al risultato positivo delle sorveglianze periodiche.

Based upon type tests and on Kiwa's periodic factory inspections the products are considered as conforming with the requirements of **Technical Document Ki-0410, Annex K43**, based on the standard **ISO 18225:2012** and consequently marked KQ. The validity of this certificate is subject to the positive result of periodic surveillance visits.

Il presente certificato viene rilasciato in accordo al Regolamento Kiwa Cermet Italia per la Certificazione di prodotto ed è composto da 1 pagina.

This certificate is issued in accordance with the Kiwa Cermet Italia regulations for Product Certification and consists of 1 page.

Chief Operating Officer
Giuseppe Realeo

Firmato digitalmente da BELCREDI GIAMPIERO
Data:29/11/2019 11:08:39

Kiwa Cermet Italia S.p.A.
Società con unico socio, ingegner
all'Isola di Anversa a coordinamento
di Kiwa Italia Holding Srl
Via Colombo 29
00197 Roma, Italia
Unica secondaria
Via Feltrina 12/34
01100 San Casciano in Val di Pesa
Tel. +39 0577 400000
www.kiwa.com
www.kiwaquality.com



PRD N° 0690



No. de certificado: NYCE6809
Clave de evaluación: NYCE 21 CP RE (258) 044 (001)

Normalización y Certificación NYCE, S.C.

Otorga el presente

CERTIFICADO DE PRODUCTO

a

RIFENG ENTERPRISE (FOSHAN) CO., LTD.

(Fabricante)

Con domicilio en: No.1 Rifeng Road, Número F1-F14, Leping Town, San Shui District, Foshan,
Guangdong, R.P. China, C.P. 528000

Para el producto

Tubos multicapa de Polietileno – Aluminio- Polietileno (PE-AL-PE) para la conducción de Gas Natural (GN) y Gas Licuado de Petróleo (GLP), designación nominal 16 mm, 20 mm, 25 mm y 32 mm; empleados en instalaciones a la intemperie u ocultas, marca RIIFO, país de origen China.

Por cumplir las especificaciones de la Norma Mexicana

NMX-X-021-SCFI-2014 “Industria del gas – Tubos multicapa a base de polietileno y aluminio para la conducción de gas natural (GN) y gas licuado de petróleo (GLP) - Especificaciones y métodos de ensayo”

y los procedimientos establecidos por el Organismo de Certificación de Producto de NYCE.

Este certificado se expide en la Ciudad de México, el día 16 de Agosto de 2021,
bajo la opción 2 “Certificación de producto con Sistema de Gestión de Calidad (SGC)” con vigencia:

del 16 de Agosto de 2021 al 15 de Agosto de 2024

La vigencia de este certificado queda sujeta al resultado de las visitas de seguimiento que el Organismo de Certificación de Producto realice para evaluar el cumplimiento del producto con la norma bajo la cual fue certificado inicialmente.

ATENTAMENTE

JUAN PABLO NAVA DRUBE
DIRECTOR DE OPERACIONES

El uso indebido de este certificado dará como resultado la cancelación del mismo.

1/1



No. de certificado: NYCE6813
Clave de evaluación: NYCE 21 CP RE (258) 044 (002)

Normalización y Certificación NYCE, S.C.

Otorga el presente

CERTIFICADO DE PRODUCTO

a

RIFENG ENTERPRISE (FOSHAN) CO., LTD.

(Fabricante)

Con domicilio en: No.1 Rifeng Road, Número F1-F14, Leping Town, San Shui District, Foshan,
Guangdong, R.P. China, C.P. 528000

Para el producto

Conectores de latón con recubrimiento de níquel para Tubos multicapa de Polietileno – Aluminio- Polietileno (PE-AL-PE) para la conducción de Gas Natural (GN) y Gas Licuado de Petróleo (GLP), designación nominal 16 mm, 20 mm, 25 mm y 32 mm; empleados en instalaciones a la intemperie u ocultas, marca RIIFO, país de origen China.

Por cumplir las especificaciones del

APÉNDICE NORMATIVO B (Requisitos para conectores) de la norma mexicana NMX-X-021-SCFI-2014 “Industria del gas – Tubos multicapa a base de polietileno y aluminio para la conducción de gas natural (GN) y gas licuado de petróleo (GLP) - Especificaciones y métodos de ensayo”

y los procedimientos establecidos por el Organismo de Certificación de Producto de NYCE.

Este certificado se expide en la Ciudad de México, el día 20 de Agosto de 2021,
bajo la opción 2 “Certificación de producto con Sistema de Gestión de Calidad (SGC)” con vigencia:

del 20 de Agosto de 2021 al 19 de Agosto de 2024

La vigencia de este certificado queda sujeta al resultado de las visitas de seguimiento que el Organismo de Certificación de Producto realice para evaluar el cumplimiento del producto con la norma bajo la cual fue certificado inicialmente.

ATENTAMENTE

JUAN PABLO NAVA DRUBE
DIRECTOR DE OPERACIONES

El uso indebido de este certificado dará como resultado la cancelación del mismo.

1/1

Underfloor Heating System Certificates



AGA CERTIFIED PRODUCT



Certificate Holder: **RIFENG ENTERPRISE GROUP CO., LTD**

ABN/ACN No. (if applicable): **N/A**

Agent (if applicable): **N/A**

Type of Component: **Manual Shut off Ball Valves for Connecting to Gas Appliances Type 1**
Temperature Range: -20°C to 120°C, and -10°C to 80°C (refer page 2)

Model No. & Description: **RIFENG / GAS PEX**
(Refer www.aga.asn.au for more details) **Refer to Page 2 for model designation**

Relevant Standard(s): **AS4617-2018 (Incorporating Amendment No.1)**

This is to certify that the particular **COMPONENT** specifically described herein and supplied to The Australian Gas Association (hereafter called the AGA) by the Certificate Holder named above has been subject to "type-testing" and assessed by the AGA to comply with the requirements of the AGA's Product Certification Scheme for Type Tested Gas Products.

This Certificate is issued on the express conditions that:

- (i) The Certificate Holder undertakes to comply with the Rules Governing The AGA's Product Certification Scheme (hereafter called the Rules Governing);
- (ii) This Certificate remains the property of the AGA; and
- (iii) The AGA reserves the right to cancel this Certificate in accordance with the Rules Governing, and in such an event the Certificate Holder undertakes to surrender the Certificate to the AGA upon request.


Client Manager


Certificate Authorised

Certificate first issued: **25 August 2009**

Certificate No: **7563**

This copy valid from: **22 November 2023**

Refer specification issue: **10**



QF714/12

Page 1 of 2




AENOR Product Certificate



001/005976

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office	5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG 528000 China
supplies	Multilayer piping systems PERT for hot and cold water installations inside buildings
in conformity with standard UNE-EN ISO 21003	Specified in Annex to the Certificate
System description	Trademark: RIFENG Application class / Design Pressure(bar): 1/6 ; 2/6 ; 4/6 ; 5/6 Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD. (Foshan City - China) Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD. (Foshan City - China) Type of joint: PRESS FITTING Type of clamp: U
Certification scheme	See annex for more information.
First issued on	2013-04-10
Last issued on	2023-04-10
Validity	2028-04-10


Rafael GARCÍA MEIRO
 CEO



CERTIFICACIÓN ISO 17065 N°1 / C-PR271

AENOR INTERNACIONAL S.A.U.
 Génova, 6. 28004 Madrid. España
 Tel. 91 432 60 00.- www.aenor.com

AENOR

AENOR Product Certificate Plastics



001/006959

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN 528000 GUANGDONG (China)

supplies Multilayer piping systems PEX for hot and cold water installations inside buildings

In conformity with standard UNE-EN ISO 21003
UNE-EN ISO 21003-1:2009 (EN ISO 21003-1:2008)
UNE-EN ISO 21003-1:2009 ERRATUM:2009
UNE-EN ISO 21003-2:2009 (EN ISO 21003-2:2008)
UNE-EN ISO 21003-2:2009 ERRATUM:2009
UNE-EN ISO 21003-2:2009/A1:2011 (EN ISO 21003-2:2008/A1:2011)
UNE-EN ISO 21003-3:2009 (EN ISO 21003-3:2008)
UNE-EN ISO 21003-3:2009 ERRATUM:2009
UNE-EN ISO 21003-5:2009 (EN ISO 21003-5:2008)
UNE-EN ISO 21003-5:2009 ERRATUM:2009

System description See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2019-07-11
Validity date 2024-07-11

Rafael GARCÍA MEIRO
Chief Executive Officer

AENOR INTERNACIONAL SAU
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Product certification body accredited by ENAC, number 01/C-PR002.001

AENOR

Confía



AENOR Product Certificate



001/005975

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG 528000 China

supplies Multilayer piping systems PEX for hot and cold water installations inside buildings

in conformity with standard UNE-EN ISO 21003 Specified in Annex to the Certificate

System description Trademark: RIFENG
Application class / Design Pressure(bar): 1/6 ; 2/6 ; 4/6 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City- China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2013-04-10
Last issued on 2023-04-10
Validity 2028-04-10

Rafael GARCÍA MEIRO
CEO



AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

AENOR

Confía



AENOR Product Certificate



001/006703

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG 528000 China

supplies **Multilayer piping systems PEX for hot and cold water installations inside buildings**

in compliance with SANS 21003-1:2008
SANS 21003-2:2008
SANS 21003-3:2008
SANS 21003-5:2008

System description Trademark: RIFENG
Application class/Design Pressure(bar): 1/6 ; 2/6 ; 4/6 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City- China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2017-04-26
Last issued on 2023-04-10
Validity 2028-04-10

Rafael GARCÍA MEIRO
CEO



AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

AENOR

Confía



AENOR Product Certificate



001/007416

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

registered office F1-F14 No. 1 Rifeng Road, Sanshui District Foshan City 528000 Guangdong China

supplies **Multilayer piping systems PEX for hot and cold water installations inside buildings**

in conformity with standard UNE-EN ISO 21003 Specified in Annex to the Certificate

System description Trademark: RIFENG
Application class / Design Pressure(bar): 1/10 ; 2/10 ; 4/10 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city- China)
Type of joint: PRESS FITTING
Type of clamp: U - H - TH

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.71.

This certificate supersedes 001/007416, dated 2022-08-26

First issued on 2022-08-26
Modified on 2022-08-30
Validity date 2027-08-26

Rafael GARCÍA MEIRO
Chief Executive Officer

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Product certification body accredited by ENAC, number 1/C-PR271

AENOR
Confía



AENOR Product Certificate



001/007417

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

registered office F1-F14 No. 1 Rifeng Road, Sanshui District Foshan City 528000 Guangdong China

supplies **Multilayer piping systems PEX for hot and cold water installations inside buildings**

in compliance with SANS 21003-1:2008 ; SANS 21003-2:2008
SANS 21003-3:2008 ; SANS 21003-5:2008

System description Trademark: RIFENG
Application class / Design Pressure(bar): 1/10 ; 2/10 ; 4/10 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city- China)
Type of joint: PRESS FITTING
Type of clamp: U - H - TH

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.71.

This certificate supersedes 001/007417, dated 2022-08-26

First issued on 2022-08-26
Modified on 2022-08-30
Validity date 2027-08-26

Rafael GARCÍA MEIRO
Chief Executive Officer



AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid, España
Tel. 91 432 60 00.- www.aenor.com



CS4

AENOR

AENOR Product Certificate Plastics



001/007357

AENOR certifies that the organization

RIFENG ENTERPRISE GROUP, CO., LTD.

registered office 5th/F RIFENG BUILDING, 16 ZUMIAO ROAD, FOSHAN GUANGDONG 528000 China

supplies Multilayer piping systems PEX for hot and cold water installations inside buildings

in conformity with standard UNE-EN ISO 21003 Specified in Annex to the Certificate

System description Trademark: RIFENG
Application class / Design Pressure(bar): 1/10 ; 2/10 ; 4/10 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan city- China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2022-02-21
Validity date 2027-02-21

Rafael GARCÍA MEIRO
Chief Executive Officer

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid, España
Tel. 91 432 60 00.- www.aenor.com

Product certification body accredited by ENAC, number 1/C-PR271

AENOR

Confía



AENOR Product Certificate



001/007306

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

registered office F1-F14 No. 1 Rifeng Road, Sanshui District, Foshan City
528000 Guangdong (China)

supplies **Multilayer piping systems PERT for hot and cold water
installations inside buildings**

in conformity with standard UNE-EN ISO 21003 Specified in Annex to the Certificate

System description Trademark: RIIFO
Application class / Design Pressure(bar): 1/6 ; 2/6 ; 4/6 ; 5/6
Pipes producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2021-10-26
Last issued on 2023-04-10
Validity 2028-04-10

Rafael GARCÍA MEIRO
CEO



AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

AENOR

Confía



AENOR Product Certificate



001/007305

AENOR certifies that the organization

RIFENG ENTERPRISE (FOSHAN) CO., LTD

registered office F1-F14 No. 1 Rifeng Road, Sanshui District, Foshan City
528000 Guangdong (China)

supplies **Multilayer piping systems PEX for hot and cold water
installations inside buildings**

in conformity with standard UNE-EN ISO 21003 Specified in Annex to the Certificate

System description Trademark: RIIFO
Application class / Design Pressure(bar): 1/6 ; 2/6 ; 4/6 ; 5/6
Pipes and fittings producer: RIFENG ENTERPRISE GROUP, CO., LTD.
(Foshan City - China)
Type of joint: PRESS FITTING
Type of clamp: U

See annex for more information.

Certification scheme In order to grant this Certificate, AENOR has tested the product and has
verified the quality system implemented for its manufacture. AENOR
performs these tasks periodically while the Certificate has not been
cancelled, in accordance with Specific Rules RP 01.71.

First issued on 2021-10-26
Last issued on 2023-04-10
Validity 2028-04-10

Rafael GARCÍA MEIRO
CEO



AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com



EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

CERTIFICATE OF COMPLIANCE

FULLNESS EXAMINATION OF TECHNICAL FILE

Certificate No. : TPI.0021
 Issue Date : 14/08/2020
 Expiry Date : 13/08/2025
 Applicant (Name & Address) : Rifeng Enterprise (Foshan) Co.,Ltd.
 F1-F14 No.1, Rifeng Road, Sanshui District, Foshan City, Guangdong Province, China
 Manufacturer (Name & Address) : Same as applicant
 TCF No. : VC-AN-2020081402
 Test Report No. : 878603, 872219, 16868872856
 Product Description : Multilayer pipes and brass fittings
 Model(s) : Refer to ANNEX I
 Standard(s) : EN ISO 21003-2:2008, EN ISO 21003-3:2008, EN ISO 21003-5:2008

This is to certify that, upon the relevant request of the applicant, EUROCERT as Third Party Authority has reviewed the Technical Construction File of the described product which found to fulfill the basic health and safety prerequisites of the relevant Standard(s).

Note:

- The manufacturer should issue a Declaration of Conformity according to the basic requirements of the applicable and relevant directives.
- All modifications to the Technical File should be first submitted to the Third Party Inspection Authority to ensure further validity of this attestation.
- This certificate is valid only for the product and configuration described and in conjunction with the technical data detailed above.

Please check the validity of the attestation from our website using the password A46XZfmY



On Behalf of EUROCERT

George Briskofas
Managing Director

89 CHALCIS STR. & UKOWRISOOS, 144 52 METAMORFOSI, ATHENS, GREECE
Tel: ++30 210 62.52.495, 30 210 62.53.927 Fax ++30 210 62.03.019
Internet site: www.eurocert.gr e-mail: info@eurocert.gr

Certificate No.: TPI.0021

page 1 of 4



NSF International

REFERENCE CERTIFICATE

Rifeng Enterprise (Foshan) Co., Ltd.
Facility: Foshan, China

COMPLIES WITH NSF/ANSI 14 AND THE FOLLOWING REFERENCE STANDARDS. PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE AUTHORIZED TO BEAR THE NSF MARK.

- ASTM E84
- ASTM F1281
- ASTM F1807
- ASTM F1960
- ASTM F2159
- ASTM F877
- ASTM F876/F877
- ASME A112.4.14/CSA B125.14
- AWWA C904
- CAN/ULC S102.2
- CSA B137.5
- CSA B137.10
- NSF/ANSI 61
- NSF/ANSI 372



U.P. Code



Certification Program Accredited by the American National Standards Institute



Certification Program Accredited by the Standards Council of Canada



This certificate is supplemental to the NSF Certification Certificate and does not replace the NSF Certification Certificate. This certificate is the property of NSF International and must be returned upon request. For the most current and complete product information, please access NSF's website (www.nsf.org).

Issue Date: April 10, 2023
Certificate Valid Through: April 10, 2024
Certificate # 74631-18R

David Purkiss
David Purkiss
Vice President, Water Systems

PVC Drainage System Certificates



This certifies that

RIFENG ENTERPRISE (FOSHAN) CO. LTD.

has had the undermentioned product examined, tested and found, when correctly installed, to comply with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations and Scottish Water Byelaws.

B1 MULTILAYER PEX/AL/PEX PIPE, F1C COMPRESSION FITTINGS & F5 PRESS FITTINGS

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

May 2025

2005323

Certificate No.

J Furnival

Secretary

[Signature]

Chairman, Product Assessment Group



EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A

CERTIFICATE OF COMPLIANCE

FULLNESS EXAMINATION OF TECHNICAL FILE

Certificate No.	: ATCO.0014
Issue Date	: 16/08/2019
Expiry Date	: 15/08/2024
Applicant (Name & Address)	: RIFENG ENTERPRISE (FOSHAN) CO.,LTD F1-F14 No.1 Rifeng Road, Sanshui District, Foshan City, Guangdong Province, China
Manufacturer (Name & Address)	: Same as applicant
TCF No.	: TCF-VC-AN-2019081301
Test Report No.	: G19-WT6548E
Product Description	: PVC-U PIPES AND FITTINGS
Model(s)	: Refer to ANNEX I
Standard(s)	: ISO 3633:2002

This is to certify that, upon the relevant request of the applicant, EUROCERT as Third Party Authority has reviewed the Technical Construction File of the described product which found to fulfill the basic health and safety prerequisites of the relevant Standard(s)

Note:

- The manufacturer should issue a Declaration of Conformity according to the basic requirements of the applicable and relevant directives.
- All modifications to the Technical File should be first submitted to the Third Party Inspection Authority to ensure further validity of this attestation.
- This certificate is valid only for the product and configuration described and in conjunction with the technical data detailed above.

Please check the validity of the certification from our website using the password **HNWFZMNX**



Third Party Authority Stamp

[Signature]
On Behalf of EUROCERT

George N Sifonios
Director of Development

89 CHILOI STR & UKOVRSEOS, 144 52 METAWG2FOSI, ATHENS, GREECE
Tel: ++30 210 62 52 495, 30 210 62 53 927 - Fax: ++30 210 62 03 018
Internet site: www.eurocert.gr - e-mail: europa@eurocert.gr



CERTIFICATE EPD REGISTRATION

This document is to confirm that

**RIFENG ENTERPRISE GROUP CO.,
LTD**

has published an Environmental Product Declaration for

**RIFENG PVC DRAINAGE AND
CONDUIT PIPES**

with registration number S-P-01648
in the International EPD® System.

The EPD has been developed in accordance with ISO 14025, the General Programme Instructions for the International EPD® System and the reference PCR 2012:01. Verification was performed by Susanne Jorre.

This document is valid until 2024-07-29, or until the EPD is de-registered and no longer published at www.environdec.com.



ADAM LEWRÉN
Secretariat of the International EPD® System
Gothenburg, Sweden, 2019-09-16

CERTIFICATE EPD REGISTRATION

This document is to confirm that

**RIFENG ENTERPRISE GROUP CO.,
LTD**

has published an Environmental Product Declaration for

**RIFENG PVC DRAINAGE AND
CONDUIT FITTINGS**

with registration number S-P-01649
in the International EPD® System.

The EPD has been developed in accordance with ISO 14025, the General Programme Instructions for the International EPD® System and the reference PCR 2012:01. Verification was performed by Susanne Jorre.

This document is valid until 2024-07-29, or until the EPD is de-registered and no longer published at www.environdec.com.



ADAM LEWRÉN
Secretariat of the International EPD® System
Gothenburg, Sweden, 2019-09-16



CERTIFICATE OF CONFORMITY

SAI Global hereby grants:

Rifeng Enterprise Group Co.,Ltd.

5/F, Rifeng Building, 16 Zumiao Road, Foshan, Guangdong China

WaterMark Certificate of Conformity – Level 1

Evaluated to:

AS/NZS 1260:2017 - PVC-U pipes and fittings for drain, waste and vent application

"the WaterMark Licensee" the right to use or arrange the use of the WATERMARK as shown below only in respect of the goods described and detailed on the product schedule identified on www.saiglobal.com which are produced by the WaterMark Licensee or on behalf of the WaterMark Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the WATERMARK and the Terms and Conditions for certification. The WaterMark Licensee covenants to comply with all the Rules and Terms and Conditions

Certificate No: WMK26347

Issued : 15 February 2019
Expires : 13 February 2024

Originally Certified : 14 February 2019
Current Certification : 14 February 2019

Kevin Goodwin
General Manager Technical Services
SAI Global Assurance



* For details of manufacture, refer to the licensee
The WATERMARK is a registered certification trademark of Australian Building Codes Board ABN 74 599 608 295 and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com for the list of product models.



PE Certificaties



P.T. IAPMO GROUP INDONESIA

CERTIFICATE OF CONFORMITY Sertifikat Kesesuaian

Standard: SNI 4829.2:2015
Standar ISO 9001:2015

Certificate Registration No.: 622210100
Nomor registrasi sertifikat

Certificate Scheme Type: 5 / Lampiran IV PBSN RI No. 1 Tahun 2019
Tipe Skema Sertifikasi

Company Name and Address: PT RIFENG INTERNATIONAL INDONESIA
Nama dan Alamat Perusahaan Komplek Ruko Puri Mutiara Blok A No. 92 Jl. Griya Utama, Kel. Sunter Agung, Kec. Tanjung Priok, Jakarta Utara, DKI Jakarta

Acuan Perjanjian Sertifikasi: 790521183
Reference to the certification agreement

Company's representative: Mrs. Kyrene
Penanggung jawab

Manufacture site: Rifeng New Material Co. Ltd
Lokasi manufaktur F16, No 1 Rifeng Road, Leping, Town, San Shui District, Foshan, Guangdong, China

Importer name and address: PT RIFENG INTERNATIONAL INDONESIA
Nama dan alamat importir Komplek Ruko Puri Mutiara Blok A No. 92 Jl. Griya Utama, Kel. Sunter Agung, Kec. Tanjung Priok, Jakarta Utara, DKI Jakarta

API / NIB Number : 8120005941797
Nomor API / NIB

Scope : Polyethylene (PE) pipe for drinking water supply / Pipa polietilena (PE) untuk penyediaan air minum
Ruang Lingkup

Type: Attached / Terlampir
Tipe

Brand: RIIFO
Merek

Validity: Certificate valid from Januari 18, 2023 until September 21, 2026.
Masa berlaku Sertifikat berlaku dari 18 Januari, 2023 sampai dengan 21 September 2026.

The factory/manufacturer site is subject to annual surveillance audit with the due date for all future audits is June 22.
Audit survailen akan dilaksanakan setiap tahun dengan batas waktu audit berikutnya adalah 22 Juni.

Shirley Dewi
Head of Certification Body/Kepala Lembaga Sertifikasi



Amendment 1: adding Type PN 12,5

Rista A. Dianameci
Decision Maker/Pengambil Keputusan
PT IAPMO Group Indonesia
Jl. Kapuk Timur Blok F23 No. 11AA, Lippo Cikarang, Delta Silicon III, Bekasi 17750, Jawa Barat – Indonesia. www.iapmoindonesia.org

This certificate is valid based upon the Effective Date and Expiration Date shown on this certificate. Any change in material, manufacturing process, marking or design without having first obtained the approval of PT IAPMO Group Indonesia, or any evidence of non-compliance with applicable standards or of inferior workmanship, may be deemed sufficient cause for revocation of this certificate. Any alteration of this certificate could be grounds for revocation of the certificate.

Sertifikat ini berlaku mulai dari Tanggal Efektif sampai dengan Tanggal Jatuh Tempo seperti yang ditampilkan sertifikat ini. Setiap perubahan dalam bahan, proses manufaktur, menandai atau perubahan desain tanpa memperoleh persetujuan dari PT IAPMO Group Indonesia terlebih dahulu, atau bukti dari ketidaksesuaian terhadap standar yang berlaku atau pengerjaan yang rendah mutunya, dapat dianggap alasan yang cukup untuk pencabutan sertifikat ini. Setiap perubahan dari sertifikat ini yang dibuat sendiri oleh klien bisa menjadi dasar untuk pencabutan sertifikat.





SINGAPORE GREEN BUILDING PRODUCT CERTIFICATE

AWARDED TO

Rifeng Enterprise (Foshan) Co., Ltd

RIFENG ENTERPRISE (FOSHAN) CO., LTD F1-F14, No.1 RIFENG ROAD, LEPING TOWN, SAN SHUI DISTRICT, FOSHAN, GUANGDONG, R. P. CHINA
China 528000

FOR THE PRODUCT

Pipe & Fittings - Sewage

PRODUCT BRAND

RIFENG/RIIFO

PRODUCT MODEL

PE100-PN0.6- [110X4.2-6, 125X4.8-6, 160X6.2-6, 180X6.9-6, 200X7.7-6, 225X8.6-6, 250X9.6-6, 280X10.7-6, 315X12.1-6, 335X13.6-6, 400X15.3-6, 450X17.2-6, 500X19.1-6, 560X21.4-6, 630X24.1-6, 710X27.2-6, 800X30.6-6, 900X34.4-6, 1000X38.2-6, 1200X45.9-6], PE100-PN0.8- [75X3.6-6, 90X4.3-6, 110X5.3-6, 125X6.0-6, 160X7.7-6, 180X8.6-6, 200X9.6-6, 225X10.8-6, 250X11.9-6, 280X13.4-6, 315X15.0-6, 355X16.9-6, 400X19.1-6, 450X21.5-6, 500X23.9-6, 560X26.7-6, 630X30.0-6, 710X33.9-6, 800X38.1-6, 900X42.9-6, 1000X47.7-6, 1200X57.2-6], PE100-PN1.0- [50X3.0-6, 63X3.8-6, 75X4.5-6, 90X5.4-6, 110X6.6-6, 125X7.4-6, 160X9.5-6, 180X10.7-6, 200X11.9-6, 225X13.4-6, 250X14.8-6, 280X16.6-6, 315X18.7-6, 355X21.1-6, 400X23.7-6, 450X26.7-6, 500X29.7-6, 560X33.2-6, 630X37.4-6, 710X42.1-6, 800X47.4-6, 900X53.3-6, 1000X59.3-6], PE100-PN1.25- [50X3.7-6, 64X4.7-6, 75X5.6-6, 90X6.7-6, 110X8.1-6, 125X9.2-6, 160X11.8-6, 180X13.3-6, 200X14.7-6, 225X16.6-6, 250X18.4-6, 280X20.6-6, 315X23.2-6, 355X26.1-6, 400X29.4-6, 450X33.1-6, 500X36.8-6, 630X46.3-6, 800X58.8-6, 1200X45.9-6], PE100-PN1.6- [20X2.3-6, 25X2.3-6, 32X3.0-6, 40X3.7-6, 50X4.6-6, 63X5.8-6, 75X6.8-6, 90X8.2-6, 110X10.0-6, 125X11.4-6, 160X14.6-6, 180X16.4-6, 200X18.2-6, 225X20.5-6, 250X22.7-6, 280X25.4-6, 315X28.6-6, 355X32.2-6, 400X36.3-6, 450X40.9-6, 500X45.4-6, 560X50.8-6, 630X57.2-6, 20X2.3-100, 25X2.3-100, 32X3.0-100, 40X3.7-100, 50X4.6-100, 63X5.8-100], Straight Coupling F23- [dn20, dn25, dn32, dn40, dn50, dn63, dn75, dn90, dn110], Reducing Coupling F23- [dn25x20, dn32x20, dn32x25, dn40x20, dn40x25, dn40x32, dn50x20, dn50x25,



SINGAPORE GREEN BUILDING PRODUCT CERTIFICATE

AWARDED TO

Rifeng Enterprise (Foshan) Co., Ltd

RIFENG ENTERPRISE (FOSHAN) CO., LTD F1-F14, No.1 RIFENG ROAD, LEPING TOWN, SAN SHUI DISTRICT, FOSHAN, GUANGDONG, R. P. CHINA
China 528000

FOR THE PRODUCT

Pipe & Fittings - Potable Water

PRODUCT BRAND

RIFENG/RIIFO

PRODUCT MODEL

PE100-PN0.6- [110X4.2-6, 125X4.8-6, 160X6.2-6, 180X6.9-6, 200X7.7-6, 225X8.6-6, 250X9.6-6, 280X10.7-6, 315X12.1-6, 335X13.6-6, 400X15.3-6, 450X17.2-6, 500X19.1-6, 560X21.4-6, 630X24.1-6, 710X27.2-6, 800X30.6-6, 900X34.4-6, 1000X38.2-6, 1200X45.9-6], PE100-PN0.8- [75X3.6-6, 90X4.3-6, 110X5.3-6, 125X6.0-6, 160X7.7-6, 180X8.6-6, 200X9.6-6, 225X10.8-6, 250X11.9-6, 280X13.4-6, 315X15.0-6, 355X16.9-6, 400X19.1-6, 450X21.5-6, 500X23.9-6, 560X26.7-6, 630X30.0-6, 710X33.9-6, 800X38.1-6, 900X42.9-6, 1000X47.7-6, 1200X57.2-6], PE100-PN1.0- [50X3.0-6, 63X3.8-6, 75X4.5-6, 90X5.4-6, 110X6.6-6, 125X7.4-6, 160X9.5-6, 180X10.7-6, 200X11.9-6, 225X13.4-6, 250X14.8-6, 280X16.6-6, 315X18.7-6, 355X21.1-6, 400X23.7-6, 450X26.7-6, 500X29.7-6, 560X33.2-6, 630X37.4-6, 710X42.1-6, 800X47.4-6, 900X53.3-6, 1000X59.3-6], PE100-PN1.25- [50X3.7-6, 64X4.7-6, 75X5.6-6, 90X6.7-6, 110X8.1-6, 125X9.2-6, 160X11.8-6, 180X13.3-6, 200X14.7-6, 225X16.6-6, 250X18.4-6, 280X20.6-6, 315X23.2-6, 355X26.1-6, 400X29.4-6, 450X33.1-6, 500X36.8-6, 630X46.3-6, 800X58.8-6, 1200X45.9-6], PE100-PN1.6- [20X2.3-6, 25X2.3-6, 32X3.0-6, 40X3.7-6, 50X4.6-6, 63X5.8-6, 75X6.8-6, 90X8.2-6, 110X10.0-6, 125X11.4-6, 160X14.6-6, 180X16.4-6, 200X18.2-6, 225X20.5-6, 250X22.7-6, 280X25.4-6, 315X28.6-6, 355X32.2-6, 400X36.3-6, 450X40.9-6, 500X45.4-6, 560X50.8-6, 630X57.2-6, 20X2.3-100, 25X2.3-100, 32X3.0-100, 40X3.7-100, 50X4.6-100, 63X5.8-100], Straight Coupling F23- [dn20, dn25, dn32, dn40, dn50, dn63, dn75, dn90, dn110], Reducing Coupling F23- [dn25x20, dn32x20, dn32x25, dn40x20, dn40x25, dn40x32, dn50x20, dn50x25,



SINGAPORE GREEN BUILDING PRODUCT CERTIFICATE

AWARDED TO

Rifeng Enterprise (Foshan) Co., Ltd

RIFENG ENTERPRISE (FOSHAN) CO., LTD F1-F14, No.1 RIFENG ROAD, LEPING
TOWN, SAN SHUI DISTRICT, FOSHAN, GUANGDONG, R. P. CHINA
China 528000

FOR THE PRODUCT

Pipe & Fittings - Non-Potable Water

PRODUCT BRAND

Rifeng/RIIFO

PRODUCT MODEL

PE100-PN0.6- [110X4.2-6, 125X4.8-6, 160X6.2-6, 180X6.9-6,
200X7.7-6, 225X8.6-6, 250X9.6-6, 280X10.7-6, 315X12.1-6,
335X13.6-6, 400X15.3-6, 450X17.2-6, 500X19.1-6, 560X21.4-6,
630X24.1-6, 710X27.2-6, 800X30.6-6, 900X34.4-6, 1000X38.2-6,
1200X45.9-6], PE100-PN0.8- [75X3.6-6, 90X4.3-6, 110X5.3-6,
125X6.0-6, 160X7.7-6, 180X8.6-6, 200X9.6-6, 225X10.8-6,
250X11.9-6, 280X13.4-6, 315X15.0-6, 355X16.9-6, 400X19.1-6,
450X21.5-6, 500X23.9-6, 560X26.7-6, 630X30.0-6, 710X33.9-6,
800X38.1-6, 900X42.9-6, 1000X47.7-6, 1200X57.2-6], PE100-PN1.0-
[50X3.0-6, 63X3.8-6, 75X4.5-6, 90X5.4-6, 110X6.6-6, 125X7.4-6,
160X9.5-6, 180X10.7-6, 200X11.9-6, 225X13.4-6, 250X14.8-6,
280X16.6-6, 315X18.7-6, 355X21.1-6, 400X23.7-6, 450X26.7-6,
500X29.7-6, 560X33.2-6, 630X37.4-6, 710X42.1-6, 800X47.4-6,
900X53.3-6, 1000X59.3-6], PE100-PN1.25- [50X3.7-6, 64X4.7-6,
75X5.6-6, 90X6.7-6, 110X8.1-6, 125X9.2-6, 160X11.8-6, 180X13.3-6,
200X14.7-6, 225X16.6-6, 250X18.4-6, 280X20.6-6, 315X23.2-6,
355X26.1-6, 400X29.4-6, 450X33.1-6, 500X36.8-6, 630X46.3-6,
800X58.8-6, 1200X45.9-6], PE100-PN1.6- [20X2.3-6, 25X2.3-6,
32X3.0-6, 40X3.7-6, 50X4.6-6, 63X5.8-6, 75X6.8-6, 90X8.2-6,
110X10.0-6, 125X11.4-6, 160X14.6-6, 180X16.4-6, 200X18.2-6,
225X20.5-6, 250X22.7-6, 280X25.4-6, 315X28.6-6, 355X32.2-6,
400X36.3-6, 450X40.9-6, 500X45.4-6, 560X50.8-6, 630X57.2-6,
20X2.3-100, 25X2.3-100, 32X3.0-100, 40X3.7-100, 50X4.6-100,
63X5.8-100], Straight Coupling F23- [dn20, dn25, dn32, dn40, dn50,
dn63, dn75, dn90, dn110], Reducing Coupling F23- [dn25x20,
dn32x20, dn32x25, dn40x20, dn40x25, dn40x32, dn50x20, dn50x25,