EDOBURG

SWR Piping Systems

GLOBAL CATALOGUE

About Edoburg

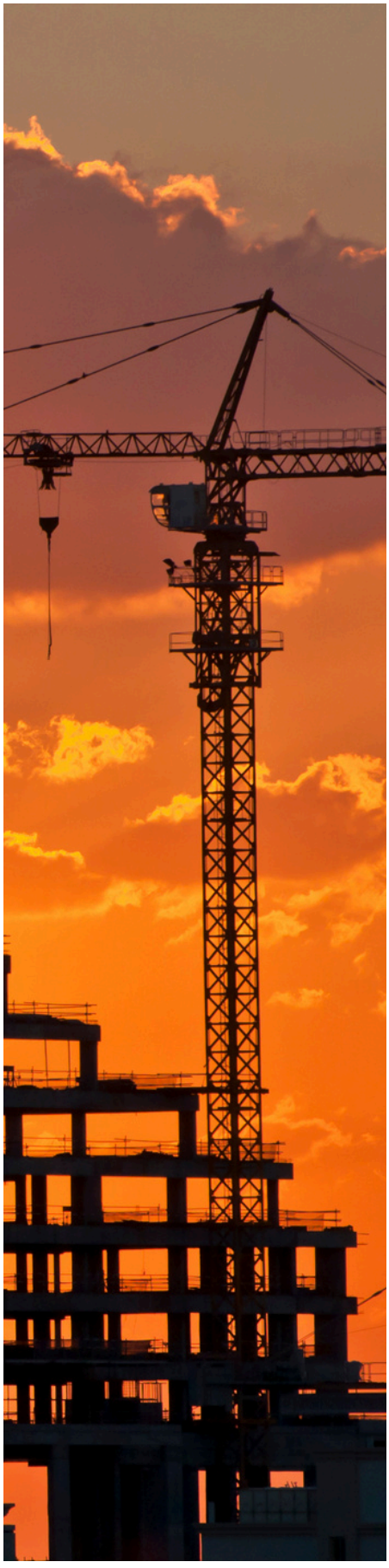
Edoburg is a structured, multi-category global supplier of certified infrastructure materials, serving contractors, distributors, and institutional buyers across regulated global markets. A division of ***Edoburg Downes Pvt. Ltd.***, the company operates with a clear focus on tested quality, export compliance, and long-term delivery consistency.

Our product portfolio spans over 10,000 SKUs across a wide range of categories including plastic piping systems, thermoplastic and composite pipelines, metal pipes and sections, drainage and utility systems, industrial components, and specialized engineered solutions for global projects.

All Edoburg-supplied products are manufactured in audited facilities and conform to international standards such as ASTM, CSA, ISO, IS, AS/NZS, and EN, depending on the target market. Each order is backed by full documentation support — including batch test reports, packing lists, Certificates of Origin, and private labelling when required.

We operate with export-ready processes, offering mixed container loads, low or no minimum order quantity, and market-specific packaging and compliance labelling. Our systems are designed to meet the expectations of professional buyers who require traceability, repeatability, and standardization across multiple geographies.

With clients across North America, Europe, the Middle East, Africa, and Asia-Pacific, Edoburg is positioned as a dependable global supplier — combining technical competence with structured commercial execution.



We don't just deliver material. **We supply what builds**.

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SWR Pipe & Fittings

Why Edoburg SWR?

Edoburg SWR (Soil, Waste & Rainwater) Pipes and Fittings are designed for long-lasting, maintenance-free drainage performance across residential, commercial, and institutional projects. Manufactured from lead-free, virgin uPVC compound and conforming to IS 13592 and IS 14735, our SWR range is suitable for all non-pressure sanitary and rainwater drainage applications.

Lead-Free & Non-Toxic
Safe for indoor and outdoor drainage applications, ensuring no leaching or contamination.

High Flow Efficiency
Smooth inner surface reduces friction, enabling fast and clog-free discharge.

Cost Effective
Lightweight, easy to handle, and install — reducing total project costs and labour time.

Long Life & Corrosion-Free
Does not rust, pit, or corrode — even in coastal, chemical-laden, or high-humidity environments.

Quick & Leak-Proof Jointing
Available in Solvent Joint and Rubber Ring Push-Fit options for fast, secure connections.

Application Ready
Offered in both Type A (ventilation & rainwater discharge) and Type B (soil & waste discharge) with a wide range of fittings and accessories.

Weather & UV Resistant
Formulated for external use, including roof drainage and exposed installations.

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Why Edoburg SWR?

Fire Resistant

Edoburg SWR pipes and fittings are self-extinguishing and do not support combustion, offering enhanced safety for concealed drainage, building shafts, and high-density construction environments.

Good Chemical Resistance

Edoburg SWR systems are resistant to a wide range of household and industrial effluents, including mild acids, alkalis, and salts. This makes them suitable for sanitary, kitchen, and rainwater discharge systems in chemically exposed zones.

Good Corrosion Resistance

Internal Corrosion Resistance

The system remains unaffected by aggressive domestic waste streams, greywater, and organic discharge.

External Corrosion Resistance

Resistant to humid conditions, salt-laden air, and exposure to polluted atmospheres, ensuring durability in both indoor and outdoor installations.

Low thermal conductivity

uPVC has inherently low thermal conductivity, helping to limit condensation on pipe surfaces and ensuring stable performance across seasonal temperature changes.

Secure, Leak-Proof Jointing

Available in both Solvent Weld and Rubber Ring Push-Fit variants, Edoburg SWR pipes ensure quick installation with long-term sealing performance — without the need for heat, welding, or threading.

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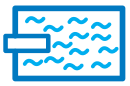
Fields of Applications

Edoburg supplies “Lead Free” uPVC SWR Pipe Systems, engineered for reliable discharge of soil, waste, and rainwater in buildings and infrastructure projects. Pipes and fittings are available in Type A and Type B, conforming to IS 13592 and IS 14735, with Rubber Ring and Solvent Weld jointing options.

Soil & waste discharge in buildings

Rainwater harvesting & roof drainage



Ventilation shafts & plumbing stacks

Down-take & ring lines

Underground non-pressure drainage

Sanitary systems in public facilities

Institutional & commercial waste lines

Low-noise drainage applications

Coal washing and ash handling

Ring lines/down take lines

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Properties of SWR Pipes and Fittings

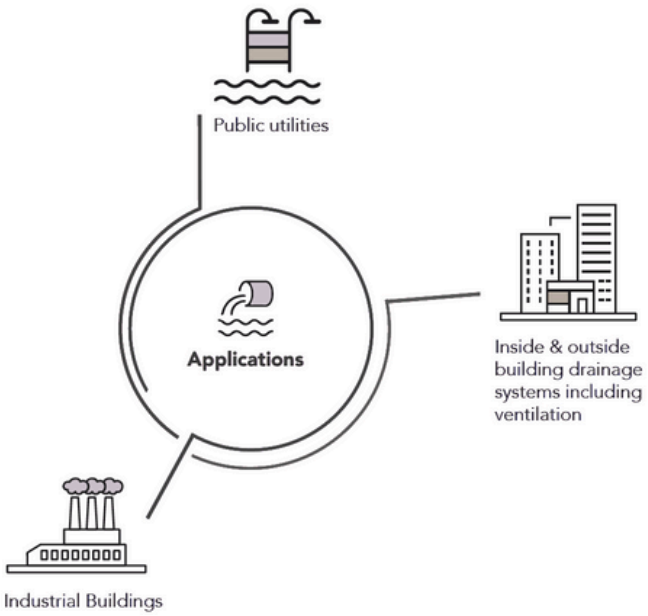
Pipes

- Rubber Ring Joint: 75 to 160 mm
- Solvent Joint: 40 to 200 mm

Fittings

- Rubber Ring Joint: 75, 90, 110 & 160 mm
- Solvent Joint: 40 to 160 mm

Category	Pipes		Fittings	
Size (mm)	40 to 200		75, 90, 110, 160 40 to 160	40 to 160
Standard	IS 13592		IS 14735	
Type	**Type A** For ventilation pipework, rainwater discharge and harvesting.	**Type B** For soil and waste discharge system.		
End Connection	Rubber Ring Joint & Solvent Joint		Rubber Ring Joint	Solvent Joint



Features and benefits

- Lighter but strong
- Compatible with other drainage products
- Easy to install with low assembly force
- Smooth bore
- Cost-efficient
- Rubber ring seals ensure long term sealing performance against leakage.

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SWR Pipes Dimension

SWR Pipes
Standard: IS 14735

Nominal Size (Outside Diameter)	Mean Outside Diameter (mm)		Wall Thickness (mm)	
(mm)	Min	Max	Type A (Min–Max)	Type B (Min–Max)
40	40	40.3	1.80 – 2.20	3.20 – 3.80
50	50	50.3	1.80 – 2.20	3.20 – 3.80
63	63	63.3	1.80 – 2.20	3.20 – 3.80
75	75	75.3	1.80 – 2.20	3.20 – 3.80
90	90	90.3	1.90 – 2.30	3.20 – 3.80
110	110	110.4	2.20 – 2.70	3.20 – 3.80
160	160	160.5	3.20 – 3.80	4.00 – 4.60
200	200	200.6	—	4.90 – 5.60

Handling and Storage

Proper Handling of Pipes

Please inspect all pipes upon receipt. Pipes should be checked for transport-related damage, including cracks, deformation, or joint distortion due to improper handling or stacking.

Edoburg-supplied SWR pipes and fittings must be handled with care. Do not drop, drag, or throw them from truck beds. Excessive bending, impact, or contact with sharp objects must be avoided to maintain socket, seal, and surface integrity.

Storage of Pipes

SWR pipes and fittings should ideally be stored indoors. If stored outdoors, the following precautions are recommended:

- Avoid prolonged exposure to sunlight to prevent UV degradation.
- Store pipes on a flat, solid surface to prevent warping or ovality.
- If stacking pipes, ensure socket ends are alternated and supported.

- Do not stack beyond recommended height to avoid pipe ovality or joint distortion.
- When using pipe racks, maintain support spacing of less than 3 feet to prevent sagging.

Safe Handling of Solvent Cement / Adhesive

When using solvent adhesives or jointing solutions for SWR pipes and fittings, observe the following safety protocols:

- Always reseal the container after use to prevent evaporation or vapor leakage.

- Avoid inhaling vapors; ensure proper ventilation if used indoors.

- Keep solvent cement away from heat, sparks, and open flames. Store adhesives in cool, sealed containers away from direct sunlight.

- Dispose of solvent-contaminated rags as per local environmental regulations.

- If contact with skin or eyes occurs, rinse with clean water for at least 15 minutes and seek medical help.

Follow local plumbing codes and product manufacturer guidelines for jointing, testing, and installation procedures specific to SWR applications.

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Low Noise SWR Pipe & Fittings

Why Edoburg Low Noise SWR?

Edoburg Low Noise SWR (Soil, Waste & Rainwater) Pipes and Fittings are engineered to reduce drainage sound levels in modern buildings. They are ideal for residential, commercial, and institutional projects where noise control is essential. Manufactured from specially formulated uPVC compound and conforming to IS 13592 and IS 14735, our Low Noise SWR systems provide quiet performance in all non-pressure sanitary and rainwater drainage installations.

Lead-Free & Non-Toxic

Safe for indoor and outdoor drainage applications, ensuring no leaching or contamination — critical for environmentally conscious projects.

High Flow Efficiency

Smooth inner bore minimizes friction, ensuring quiet, fast, and clog-free waste disposal — even during peak usage hours.

Cost Effective

Lightweight, easy to handle, and install — reducing total project costs and labour time.

Long Life & Corrosion-Free

Does not rust, pit, or corrode — even in coastal, chemical-laden, or high-humidity environments.

Noise Reduction Technology

Low Noise SWR pipes feature multi-layer construction with a sound-dampening core, significantly reducing airborne and structure-borne sound during drainage operations.

Application Ready

Offered in both Type A (ventilation & rainwater discharge) and Type B (soil & waste discharge) with a wide range of fittings and accessories.

Weather & UV Resistant

Formulated for external use, including roof drainage and exposed installations.

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Why Edoburg Low Noise SWR?

Fire Resistant

Edoburg Low Noise SWR pipes are self-extinguishing and do not support combustion, offering added fire safety for shafts, ducts, and concealed drainage zones.

Good Chemical Resistance

Designed to resist exposure to household chemicals and effluents, including mild acids and alkalis — ideal for sanitary and kitchen discharge points.

Good Corrosion Resistance

Internal Corrosion Resistance

Withstands greywater, waste streams, and organic loads without internal deterioration.

External Corrosion Resistance

Performs reliably in humid, polluted, or coastal environments with no rust or decay.

Low thermal conductivity

The core compound limits condensation on pipe surfaces, ensuring system stability across seasonal and climatic fluctuations.

Secure, Leak-Proof Jointing

Compatible with both Solvent Weld and Rubber Ring Push-Fit connections for airtight, vibration-resistant joint integrity without heat or complex tools.

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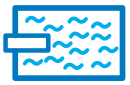
Fields of Applications

Edoburg Low Noise SWR (Soil, Waste & Rainwater) Pipe Systems are designed for ultra-quiet, high-performance drainage in noise-sensitive environments. These systems are ideal for premium residential, commercial, healthcare, and hospitality projects where acoustic comfort is a priority. Pipes and fittings conform to IS 13592 and IS 14735 standards and are available in Type A (ventilation & rainwater discharge) and Type B (soil & waste discharge), with Solvent Weld and Rubber Ring jointing options.

Soil & waste discharge in buildings

Rainwater harvesting & roof drainage



Ventilation shafts & plumbing stacks

Down-take & ring lines

Underground non-pressure drainage

Sanitary systems in public facilities

Institutional & commercial waste lines

Low-noise drainage applications

Coal washing and ash handling

Ring lines/down take lines

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Dimension & Properties of Low Noise SWR

With inevitably noisy urban outdoors, it becomes important to ensure silence and peace of mind indoors. Edoburg's noise insulated drainage piping systems. Made of three layers - the outer and inner layers are made of UPVC material while the middle layer is made of specially formulated PVC serving as a noise insulator the result is silent operation with efficient drainage.

Pipes

- Rubber Ring Joint: 75, 110 & 160 mm
- Solvent Joint: 40, 50, 63, 75, 110, 160 mm

Fittings (PP)

- Rubber Ring Joint: 75, 110 & 160 mm
- Solvent Joint: 40, 50, 63, 75, 110, 160 mm

Category	Size (mm)	Standard	End Connection
Pipes	40, 50, 63, 75, 110, 160	IS 13592	Solvent & Rubber Ring joint
Fittings	40 to 160	IS 14735	Solvent & Rubber Ring joint

Features and benefits

Silent operation
- Compatible with other drainage products
- Sockets with rubber sealing rings allow for thermal expansion & contraction of the pipeline
- The jointing and installation procedures are similar to a regular UPVC SWR piping system
- Self-extinguishing. Does not support combustion.
- Rubber sealing rings ensure firm insertion joints, zero leakage and prevent noise transmission
- Long life

Dimensions

Nominal Size (Outside Diameter)	Mean Outside Diameter (mm)		Wall Thickness (mm)	
	Minimum	Maximum	Minimum	Maximum
40 mm	40	40.2	3.2	3.4
50 mm	50	50.2	3.2	3.4
63 mm	63	63.3	3.2	3.5
75 mm	75	75.3	3.2	3.5
110 mm	110	110.3	3.4	3.8
160 mm	160	160.4	4.2	4.6

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Handling and Storage

Proper Handling of Pipes

Please inspect all Low Noise SWR pipes and fittings upon receipt. Pipes should be checked for damage including cracks, deformation, or distortion at the joint ends due to improper handling or transportation.

Edoburg Low Noise SWR systems use specially formulated multi-layer structures for sound dampening. These must be handled with care to preserve their acoustic properties. Do not drop, drag, or throw them from truck beds. Avoid sharp impacts, point loads, or excessive bending, as this can compromise both the soundproofing core and the joint integrity.

Storage of Pipes

Low Noise SWR systems should preferably be stored in a clean, covered, and well-ventilated area. If stored outdoors, take the following precautions:

- Avoid direct and prolonged exposure to UV light, which can degrade external layers.
- Store on a flat, solid platform to prevent ovality, joint misalignment, or surface warping.
- If stacking, alternate the orientation of socket ends and ensure uniform support along pipe lengths.
- Never stack above recommended height, especially since wall structures are multi-layered and need uniform load distribution.
- If using pipe racks, support spacing should be maintained at less than 3 feet (900 mm) to avoid bowing or deflection over time.

Safe Handling of Solvent Cement / Adhesive

When using adhesives or jointing compounds for Low Noise SWR pipes, ensure adherence to the following best practices:

- Reseal adhesive containers immediately after use to avoid hardening or evaporation of volatile compounds.
- Use adhesives in a well-ventilated environment to avoid vapor build-up.
- Keep all solvent materials away from ignition sources, heat, or direct sunlight. Store in sealed, fire-safe containers.
- Dispose of used application cloths, gloves, or contaminated material as per local HAZMAT disposal laws.
- In case of skin or eye contact, flush thoroughly with clean water for at least 15 minutes and seek medical attention if irritation persists.

Edoburg Low Noise SWR pipes are engineered for precision jointing and sound insulation. Improper handling can compromise the acoustic performance. Follow local plumbing codes and Edoburg's technical guidelines for safe, long-lasting installation.

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Roofwater Systems

Dimension & Properties of Roofwater Systems

Roofwater Systems are broadly used for collection and conveyance of rainwater. These specifically include storage in tanks and pits, recharging borewells, shafts and wells; and augmenting the underground water table through a proper mechanism to percolate soil.

Pipes

- Half Round Pipes (uPVC): 140, 180, 250 mm
- Downtake Pipes (uPVC): 75, 110 mm

Fittings (PP)

- 75, 110, 140, 160, 180, 250 mm

Pipes		Fittings	
Size (mm)	**Half Round Pipes**: 140, 180, 250 **Downtake Pipes**: 75, 110	Size (mm)	75, 110, 140, 160, 180, 250
End Connection	**Half Round Pipes**: Elastomeric rubber seal with clamps **Downtake Pipes**: Solvent Joint & Rubber Ring Joint	End Connection	Elastomeric rubber seal with clamps

Features and benefits

- Advanced system design ensures effective collection of roof water and efficient discharge.
- High mechanical and chemical strength can withstand aggressive environment.
- Light weight, easy to handle, store and transport.
- Easy to install Saves cost.
- Long service life.
- UV stabilized - can be installed in areas directly exposed to sunlight.
- Smooth and glossy appearance gives it an attractive look.

Why Edoburg Roofwater Systems?

Edoburg Roofwater Systems are specially engineered for efficient rainwater collection and roof drainage in residential, commercial, and institutional applications. Manufactured from lead-free, virgin uPVC and conforming to IS 13592 and IS 14735, our systems include half-round pipes, down-take lines, and fittings designed for secure installation, smooth discharge, and extended outdoor service.

Lead-Free & Non-Toxic
Ideal for rooftop water discharge with no risk of leaching, odour, or contamination.

High Flow Efficiency
Wide-flow half-round profiles and smooth inner walls allow quick discharge even during heavy rainfall.

Cost Effective
Lightweight design ensures ease of transport, reduced site labour, and lower installation costs.

Long Life & Corrosion-Free
Resists corrosion from rainwater, pollution, and coastal environmental exposure.

Quick & Leak-Proof Jointing
Push-fit elastomeric rubber seal joints with clamps enable watertight and hassle-free installation.

Application Ready
Available in standard half-round and down-take pipe sizes with full compatibility to fittings and clamps.

Weather & UV Resistant
Built for outdoor exposure — highly UV-stabilised to prevent degradation over time.

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Why Edoburg Roofwater Systems?

Fire Resistant

Edoburg Roofwater pipes and fittings are self-extinguishing and do not support combustion, making them a safer choice for exposed rooftop networks, terraces, and building facades.

Good Chemical Resistance

Edoburg Roofwater systems resist a wide range of mild chemicals found in rainwater, urban runoff, and rooftop cleaning agents — ideal for chemical-prone outdoor installations.

Good Corrosion Resistance

Internal Corrosion Resistance

Designed to resist clogging or scaling from organic or atmospheric debris carried in rainwater.

External Corrosion Resistance

Withstands prolonged exposure to humidity, UV radiation, industrial pollution, and saline air — ensuring durability on rooftops and facades.

Low thermal conductivity

uPVC naturally limits temperature transfer, reducing condensation on external surfaces and supporting consistent performance in fluctuating climates.

Secure, Leak-Proof Jointing

Available in both elastomeric rubber seal clamp systems and rubber ring joints, Edoburg Roofwater Systems ensure quick installation and long-term water-tightness — without special tools.

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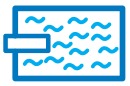
Fields of Applications

Edoburg supplies “Lead Free” uPVC Roofwater Pipe Systems, purpose-built for effective collection and discharge of rainwater in buildings, industrial sites, and infrastructure environments. Manufactured from virgin uPVC and engineered for long-term outdoor performance, these systems are available with Rubber Seal Clamp and Solvent Weld jointing options.

Retrofit drainage systems

Facade and roof drainage in high-rise buildings



Drainage for educational and public institutions

Parapet and gutter drainage

Stormwater outlet lines

Safety discharge near electrical shafts

Industrial rooftop drainage

Low-noise drainage applications

Coal washing and ash handling

Ring lines/down take lines

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Handling and Storage

Proper Handling of Pipes

Please inspect all pipes and fittings upon delivery. Check for transport-related damage such as cracks, deformation, ovality, or joint misalignment.

Edoburg Roofwater pipes and fittings must be handled carefully. Avoid dropping, dragging, or throwing pipes from vehicles. Excessive bending, sharp impact, or contact with abrasive surfaces must be avoided to maintain seal integrity and structural strength.

Storage of Pipes

Roofwater systems are typically used in outdoor environments but must still be stored correctly to preserve product quality. If outdoor storage is necessary, the following precautions must be followed:

- Avoid prolonged exposure to direct sunlight to minimize UV degradation.
- • Store pipes on a level, solid platform to prevent sagging or joint deformation.
- • When stacking, alternate the direction of socket ends to reduce pressure on seals.

- • Do not exceed stacking height limits — this prevents pipe ovality and joint misfit.
- • Ensure pipe racks support spans of less than 3 feet to minimize mid-span sagging.

Safe Handling of Solvent Cement / Adhesive

When working with solvent weld systems for roofwater pipes, follow these essential safety guidelines:

- Seal containers tightly after use to avoid evaporation and vapor loss.

- Do not inhale solvent vapors. Use in well-ventilated areas.

- Store away from open flames, heat sources, and direct sunlight. Use cool, sealed storage.

- Dispose of rags or materials with solvent residue as per local waste disposal laws.

- If contact with eyes or skin occurs, rinse thoroughly with clean water and seek medical attention if irritation persists.

Follow regional plumbing codes and manufacturer instructions for proper jointing, testing, and installation tailored to rainwater and roof drainage systems.

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