Technical Data Sheet

Product: Primary Pro – Pre Made Elbows

Product Codes: PPEO28 – 28mm Pre Made Elbows | PPEO35 - 35mm Pre Made Elbows

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Product Description

Primary Pro Pre-Made Elbows are factory-formed insulation bends designed to provide a fast, clean and professional solution for insulating 90° pipework transitions. Manufactured from the same coated polyolefin thermoplastic used in Primary Pro straight insulation, these elbows ensure consistent insulation thickness, long-term durability and a high-quality finish.

Each elbow is pre-assembled, bonded and sealed during manufacture, eliminating the need for installers to create elbows on site. This significantly reduces installation time and ensures a uniform appearance across the entire insulated pipe run.

Applications

- External insulation for 90° bends on ASHP systems
- Air source heat pump installations
- Domestic and installations
- Designed to integrate with Primary Pro insulation lengths

Features & Benefits

- Factory-made elbows for a consistent and professional finish
- Saves time on site by removing the need for hand-cut fabrication
- Manufactured from the same coated polyolefin thermoplastic as Primary Pro insulation
- Durable weather-resistant and UV-stabilised outer coating
- Maintains insulation integrity and thickness around bends
- Pre-assembled and sealed for quick installation
- Works with Primary Pro Bond & Seal for adjoining joints
- Suitable for all-weather external use
- Neat and reliable solution for system designers and installers

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Technical Data

Property	PPEO28	PPEO35
Application	90° insulation elbow for 28 mm systems	90° insulation elbow for 35 mm systems
Material	Coated polyolefin thermoplastic	Coated polyolefin thermoplastic
Colour	Black	Black
UV Resistance	Yes	Yes
Water Absorption		
Temperature Resistance	–40°C to +100°C	–40°C to +100°C
Installation Joint Sealant	Primary Pro Bond & Seal	Primary Pro Bond & Seal
Product Supplied	Pre-formed, bonded and sealed elbow	Pre-formed, bonded and sealed elbow

Installation

- Install using the same method as Primary Pro straight insulation
- Position the pre-made elbow onto the insulated pipework
- Apply Primary Pro Bond & Seal to all adjoining joints and transitions
- Ensure the elbow is correctly aligned and fully seated
- Remove any excess sealant for a clean finish
- Allow the sealant to cure according to manufacturer guidance

Storage & Handling

Store in a cool, dry place away from direct sunlight.
Avoid crushing or compressing the pre-formed shapes.
Inspect elbows prior to installation to ensure no damage or deformation.

Health & Safety

Non-hazardous under normal conditions of use.
Follow standard PPE guidance when handling or preparing adjoining insulation.

Contact

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