

IZOMAX® Band F Collar Pipe

Pipe Penetration Collar with Flexible Zone

Product Description

IZOMAX® Band F Collar Pipe is a collar element for pipe penetrations, produced by coating a polypropylene non-woven carrier with a polyurethane waterproofing membrane. The flexible zone at its centre allows it to be pulled easily over pipes and pipe plugs of different diameters and to wrap tightly around the pipe body to provide a seal.

Fields of Application

- Around water supply pipes passing through walls and floors
- In pipe penetration details of the IZOMAX® Band F and IZOMAX® Band W tape systems
- In pipe penetration details of the IZOMAX® Ftec membrane system
- Waterproofing of tap, shower and washbasin outlets
- Interior wet areas exposed to non-pressurised water (bathrooms, showers, toilets)

Advantages

- The central flexible zone allows it to be pulled over the pipe and pipe plug without force
- Covers two pipe diameters in a single product, reducing stock variety
- At only 0.60 mm thick, it does not raise the covering level
- Its fleece surface provides high adhesion to liquid waterproofing materials and tile adhesive
- Resistant to dilute acids, alkalis, salt water and chlorine

Technical Properties

General Information	
Material composition	PP non-woven carrier / polyurethane waterproofing membrane
Appearance	Grey square collar with a flexible zone at the centre
Total thickness	0.60 mm (± 0.1 mm)
Product Types	
IZOMAX® Band F Collar Pipe 16-22	Pipe diameter 16 / 20 / 22 mm — 140 × 140 mm; flexible zone Ø 30 mm; hole Ø 8 mm; 6.0 g/pc
IZOMAX® Band F Collar Pipe 25-32	Pipe diameter 25 / 32 mm — 140 × 140 mm; flexible zone Ø 40 mm; hole Ø 15 mm; 6.6 g/pc
IZOMAX® Band F Collar Pipe 40-50	Pipe diameter 40 / 50 mm — 180 × 180 mm; flexible zone Ø 60 mm; hole Ø 21 mm; 9.6 g/pc
Performance Data	
Resistance to water pressure (EN 1928, Method B)	≥ 1.5 bar
Burst pressure	≥ 1.5 bar
Temperature resistance	-5 °C / +60 °C
Chemical resistance	Resistant to dilute acids, alkalis, salt water and chlorine

Application Data	
Adhesive	Flexible adhesive or liquid waterproofing material
Flexible zone	Not covered with liquid waterproofing material; left free
Safety Information	
Hazardous substances	See SDS

The stated technical values were obtained at +23 °C ambient temperature and 50% relative humidity.

Application Instructions

Surface Preparation

The substrate must be sound, load-bearing, dry, clean and free from dust. Oil, grease, paint and curing compound residues that impair adhesion must be removed. Priming of absorbent surfaces with a suitable primer is recommended to improve adhesion.

Positioning the Collar

Select the collar type matching the pipe diameter. Apply flexible adhesive around the pipe. Place the collar by pulling its flexible zone over the pipe. Once fitted, the collar must not be pulled back; the flexible zone must remain forming an outward bulge. The collar must not be damaged during installation.

Liquid Waterproofing

The edges of the collar are generously covered with liquid waterproofing material all around. The flexible zone at the centre is not covered with liquid waterproofing material; it must be left free so that it retains its movement capability.

Surface Waterproofing

Once the collar has been installed, surface waterproofing may proceed. The membrane or tape is applied with tile adhesive; overlap areas are bonded using a suitable liquid waterproofing material. Excess material at the edges is drawn out.

Points to Consider

- Once fitted over the pipe, the collar must not be pulled back; pulling it back breaks the seal.
- The central flexible zone must not be covered with liquid waterproofing material.
- The service temperature is limited to –5 °C / +60 °C; the surface temperature must be checked on hot water pipes.
- A collar type not matching the pipe diameter must not be used; the hole must not be forced open.
- For technical reasons, slight variations in colour and printing may occur between batches; this does not affect the technical properties.

Storage Conditions and Shelf Life

Store in the original packaging in a cool and dry place, protected from direct sunlight. When stored correctly, the shelf life is 24 months from the date of production.

Safety Precautions

Work clothing and protective gloves complying with occupational health and safety requirements must be used during application. The product is non-toxic; however, care must be taken to protect hands and eyes during cutting. Store out of reach of children. For further information, refer to the Safety Data Sheet.

Liability

Our company is responsible only for the quality of the product. Any use of the product outside the scope of the written technical recommendations, including incorrect application or use under unsuitable conditions, is entirely the responsibility of the user. For further technical information, please refer to the product catalogue or contact our representatives.

Packaging

Supplied in pieces.

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