

## IZOMAX® Band F

Fleece-Backed Flexible TPE Sealing Tape

### Product Description

IZOMAX® Band F is a three-layer sealing tape with a thermoplastic elastomer (TPE) coating between two polypropylene non-woven layers. It has high elongation in the transverse direction and is dimensionally stable lengthwise; this structure allows the tape to accommodate joint movement while being installed without tension along its length. Its double fleece facing provides high adhesion to tile adhesive and liquid waterproofing materials.

### Fields of Application

- Interior wet areas with medium to high exposure to non-pressurised water (classes W2-I and W3-I according to DIN 18534) — domestic bathrooms, public shower rooms
- Industrial kitchens additionally exposed to chemicals
- Swimming pools and surfaces subject to constant water pressure
- Wall-to-floor junctions and inside/outside corner details
- Movement joints beneath ceramic and natural stone coverings
- Concrete, screed, cement-based render, gypsum board and aerated concrete substrates

### Advantages

- Accommodates joint movement with 300% transverse elongation
- Dimensionally stable lengthwise; installed without tension
- Double fleece facing provides high adhesion
- At only 0.66 mm thick, it does not raise the covering level
- Suitable for interior and exterior use, including pools under constant water pressure
- Resistant to dilute acids, alkalis, salt water and chlorine

### Technical Properties

| General Information                              |                                                                     |
|--------------------------------------------------|---------------------------------------------------------------------|
| Material composition                             | PP non-woven / thermoplastic elastomer (TPE) coating / PP non-woven |
| Appearance                                       | Grey tape with fleece facing on both sides                          |
| Total width                                      | 120 mm (± 3 mm)                                                     |
| Total thickness                                  | 0.66 mm (± 0.1 mm)                                                  |
| Weight per unit area                             | 364 g/m <sup>2</sup> (± 50 g/m <sup>2</sup> )                       |
| Performance Data                                 |                                                                     |
| Resistance to water pressure (EN 1928, Method B) | ≥ 1.5 bar                                                           |
| Burst pressure                                   | 2.0 bar                                                             |
| Water vapour diffusion resistance, sd (EN 1931)  | 16 m                                                                |
| Breaking load – longitudinal (EN ISO 527-3)      | 120 N/15 mm                                                         |
| Breaking load – transverse (EN ISO 527-3)        | 25 N/15 mm                                                          |

|                                                                |                                                             |
|----------------------------------------------------------------|-------------------------------------------------------------|
| Elongation at break – longitudinal / transverse (EN ISO 527-3) | 70% / 300%                                                  |
| Temperature resistance                                         | –30 °C / +90 °C                                             |
| Chemical resistance                                            | Resistant to dilute acids, alkalis, salt water and chlorine |
| <b>Application Data</b>                                        |                                                             |
| Adhesive class                                                 | Minimum class C2 tile adhesive to EN 12004-1                |
| Overlap (tape joints and corner components)                    | Min. 50 mm                                                  |
| Overlap area                                                   | Bonded with a suitable liquid waterproofing material        |
| <b>Safety Information</b>                                      |                                                             |
| 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, rust, grease, paraffin and curing compound residues that impair adhesion must be removed. Voids must be levelled with a suitable repair mortar and absorbent surfaces primed with a suitable primer.

### Installing the Tape

The tape is cut to the length of the wall or joint before application; an overlap of at least 50 mm to the corner component must be allowed. Tile adhesive is applied to the wall-to-floor junction in an even thickness, the tape is placed into the fresh adhesive and positioned by pressing with a spatula. Excess adhesive beneath the tape is drawn out towards the edges. The tape must be laid loosely without being stretched lengthwise. The overlap area between the corner component and the tape is bonded using a suitable liquid waterproofing material for a secure joint.

### Surface Waterproofing

Once all detail components and tapes are in place, surface waterproofing may proceed. The fleece surface of the tape must be fully embedded in the surface waterproofing material or tile adhesive.

## Points to Consider

- The tape must not be stretched lengthwise during application; a tape installed under tension cannot accommodate joint movement.
- Must not be applied to frozen or thawing substrates, or where there is a risk of frost within 24 hours.
- Must not be applied in direct sunlight, strong wind or wet weather.
- Must not be used where contact with mineral oils, petrol or aromatic compounds such as toluene is possible.
- 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, with the rolls stored upright and no load placed on them. 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

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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

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120 mm × 50 m roll

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