

eile Swell

Hydrophilic Expanding Joint Band

Description:

eile Swell is a hydrophilic joint band that swells when it comes into contact with water.

Areas of Use:

- In all types of construction joints
- In joints of tunnel segments
- In joints of prefabricated structures
- At passages of pipes and steel structural elements
- In passage joints of cable channels

Product Features:

- eile Swell has the capacity to swell up to 4 times its original volume when it comes into contact with water.
- Resistant to various chemicals and microorganisms.
- Provides excellent insulation by enclosing the surface even on uneven surfaces.

Application Procedure:

Surface Preparation:

The surface must be solid, clean, dry, and free from all kinds of dirt. All loose particles, formwork oils, weak cement grout, paint, rust, and other poorly adhering particles should be removed by mechanical methods.

Application Method:

eile Swell should be placed in the middle of the joint area to be applied. Before applying **eile Swell**, an MS polymer-based adhesive should be used. The overlapping joints should be overlapped by at least 10 cm side by side.

Safety Recommendations: During application, appropriate workwear, protective gloves, goggles, and masks in accordance with occupational health and safety regulations must be worn. Avoid contact with skin and eyes; if contact occurs, wash thoroughly with plenty of water. In case of ingestion, seek medical attention immediately. Store out of the reach of children. No food or drink should be kept in the areas where the application is taking place.

Liability: **POMZA EXPORT A.Ş.**, the producer of **eile POMEX**-branded products, cannot be held responsible for any improper applications (misuse) due to non-compliance with the above-mentioned recommendations and application conditions. It is the responsibility of the applicator to ensure that the product is used according to its intended purpose and that the application conditions and methods are valid. **eile POMEX** Construction Chemicals does not accept any claims for compensation arising from failure to apply the products as recommended, work-related accidents, or any direct or indirect damages.

Note: **eile POMEX** reserves the right to make developments or revisions to the product and this technical document over time. This Technical Data Sheet invalidates any previous versions published for this product. Users must ensure they have the most up-to-date version of the technical document. If necessary, contact the company to verify the document's currency.

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Technical Specifications:

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| Color: Cream |
| Size: 20 x 5 mm, 20 x 10 mm |
| Swelling Volume: Approximately 400% |
| Unit Weight: 1.45 g/cm ³ |
| Shore A Hardness: 70±3 |
| Water Pressure Resistance: 5 bar |
| Operating Temperature: -30°C to +70°C |

Packaging:

- (20 x 5) 12-meter roll, 72 meters total in box
- (20 x 10) 10-meter roll, 80 meters total in box

Shelf Life:

36 months when stored in a closed environment away from frost.