

eile FC 805 System

Elastic Joint Band

Description:

It is a TPE-based, stretchable in all directions insulation band used for the insulation of expansion joints, joints, and cracks caused by various reasons.

Areas of Use:

- In expansion and movement joints
- In swimming pools
- At roof junctions
- On terraces and balconies
- In tunnels, culverts, and sewers
- In water structures and water treatment plants

Product Features:

- It has 400% elasticity.
- It adheres extremely well to construction materials like concrete, steel, and wood.
- Resistant to adverse weather conditions and water.
- Provides ease of application and cost-effectiveness.
- Resistant to chemicals.

Application Procedure:

Surface Preparation:

The surfaces to be applied must be clean and dry. Loose parts that would reduce adhesion should be removed mechanically or by air.

Mixing:

The adhesive for the **eile FC 805** band is **eile EPX 100** or **eile EPX 50**, a two-component material. The components should be mixed for 3-4 minutes with a low-speed mixer until they reach a soft consistency.

The mixing ratio should be A:3 - B:1. Considering the high temperatures that may shorten the pot life of the material, only the necessary amount of material should be prepared based on the temperature of the application site.

Application Method:

Sufficient **eile EPX 100** or **eile EPX 50** is applied to the side surfaces where the **eile FC 805** band will be placed. The **eile FC 805** band is positioned centered on the crack. The band is pressed until the material comes out through the holes in the band. To complete the process, the material is applied again to ensure that no **eile EPX 100** or **eile EPX 50** comes into the middle part of the band.

Dimensions:

- 15 cm x 1 mm, 15 cm x 1.5 mm
- 20 cm x 1 mm, 20 cm x 1.5 mm
- 25 cm x 1 mm, 25 cm x 1.5 mm
- 30 cm x 1 mm, 30 cm x 1.5 mm

Packaging:

Produced in 25-meter rolls.

Shelf Life:

The shelf life of the **eile FC 805** band is unlimited.

Technical Specifications

Color:	Grey
Width:	15.5 - 20 - 25-30 cm
Stretching:	400%
Unit Weight:	1,70 kg / lt (eile EPX 100)
Mixture Ratio:	A / B: 1/3 (eile EPX 100)
Tensile Strength:	4 N/mm ² (eile EPX 100)
Consumption (EPX 50 -100):	1,5 kg/mtul

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.

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