



SEMPU SEMIFLEX 101

SOLVENT FREE POLYURETHANE INJECTION FOAM

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1 DESCRIPTION

SEMPU SEMIFLEX 101; is a single component, solvent-free, polyurethane injection resin reacts with water. The reaction time of injection foam is controlled by using the accelerator known as CATALYST 10 between 2% and 10%. The expansion time is strictly dependent on the amount of accelerator mixed with the resin, the amount of water and the application temperature. After the reaction of the product with water, a flexible, hydrophobic, non-shrinking foam is obtained.

3 USES

- Waterproofing of cavities, thin cracks and joints
- Sewers and manholes
- Basement walls exposed to high water pressure
- Treatment plants
- Elimination of water leaks in foundations
- Sealing of expansion joints.

2 ADVANTAGES

- Less water for reaction and curing.
- Suitable for dry and wet surfaces,
Remains active when water level decreases
- Resistant to water or chemical solutions.
- It is not toxic, it is eco friendly.
- Microorganisms can not biodegrade the foam.

4 PACKAGING

25 kg + 2,5 kg (Catalyst) in plastic pails.

5 TECHNICAL SPECIFICATIONS

QUALIFICATIONS	FEATURES	METHODS
Viscosity	200-400 cP	-
Density	A comp 1,1 ±0,05 gr/cm ³ B comp 1,05 ±0,05 gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, @ 20°C
Mixing Ratio	100:10	-

* Viscosity measured at + 25°C according to EN ISO 3219 standards. Viscosity increases inversely with temperature.

6 STORAGE AND SHELF LIFE

Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5-25 oC. Once a pail has been opened, use as soon as possible.

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7 PRECUATIONS

Flammable and explosion products should be kept away during the application. Protective gloves and masks should be used for hands and eyes during application. The product should be used in well ventilated environments. If the material comes into contact with eyes, it should be washed immediately with sufficient water. Children should be kept away from the product. For more detailed information, ask for the Safety Data Sheet (MSDS).

FOTO GEELCEK

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