

# EASE GROUT

## Single Component Flexible PU Injection Foam Resin

### Product Description

Ease Grout is a low viscous, single component, hydrophobic, MDI-based, polyurethane injection resin without catalyst. It only reacts with water and forms a flexible polyurethane foam. This product can be injected pure directly into a leaking crack, fracture or joint. After injection has taken place, the will foam to expand and fill the void, forming a tight, impermeable elastomeric seal, stopping the water flow.

### USES

1. Ease Grout is injected for sealing of water in :

- Wall cracks
- Floors
- Concrete Constructions
- Rock Pockets

2. Ease Grout can also be injected in gushing water and for compacting loose stones

### FEATURES & BENEFITS

- Ready to use single component
- No mixing of catalyst
- Resistant Against Acids & Alkalis
- Permanent sealing of cracks
- Low viscosity deep penetration
- Hydrophobic Resin
- Excellent Adhesion to concrete
- Reacts with water to form flexible polyurethane foam
- Free expansion : 2700 %



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### Application Methodology

Ease Grout is a complete system for filling of cracks & voids in concrete, masonry and sandy soil which achieve water tightness once injected.

Before usage Ease Grout should be shaken in order to achieve a homogeneous material. At temperatures below 10 °C crystallization may occur. However, after heating (indirectly) and mixing, the liquid is restored to its original quality. Ease Grout reacts with air humidity & with water. Keep containers sealed while not in use.

Ease Grout can be injected by one-component injection pump that is equipped for high pressure. The resin will react with the water in the structure to form flexible foam. Pumping machine and other equipment such as hose pipe & gun must be thoroughly cleaned with Constro-Link Easeclean.

If the zone to be waterproofed contains insufficient water then additional injection of water is required to support foam formation.

### Technical Data

**Colour :- White-Yellow**

**Density :- 1.10 to 1.12 kg/dm<sup>3</sup>**

**Viscosity at 23°C :- 250 - 300 mPa.s**

**Reaction Time at 23°C :- 10 Seconds after coming in contact of water**

**Finish Time :- Within 3 minutes**



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### Packaging & Shelf Life

Ease Grout is available in 2 packing size i.e 10 kg & 20 kg metal cans

Ease Grout shelf life is 12 months after production date in original, unopened and undamaged packaging, stored in a dry place with temperatures between +10°C to +30°C.

Once the packaging is opened, the shelf life of the product diminishes quickly and the product should be consumed as soon as possible.

### Precautions & Security Measures

- Avoid contact of the products with the skin and eyes.
- Wear safety glasses, gloves and an overall.
- In case of contact with the eyes: wash with lots of water and seek medical attention.
- In case of contact with the skin: wash with lots of water.
- Absorb spilled resin with sand and dispose according to the local regulations .
- Reacts with water. If contaminated by moisture, may form CO<sub>2</sub> gas pressure in containers.
- For more information: see Material Safety Data Sheet.

**Note :** The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application these data do not relieve processors of the responsibility of carrying out their own tests and experiments neither do they imply any legally binding assurance of certain properties or of suitability of specific purpose. It is the responsibility of those whom we supply. Our products to ensure that any proprietary rights and existing laws and legislations are observed.



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