

Eurotaff Inject 525

Two components rapid setting polyurethane grout

Description

EUROTAFF INJECT 525 is a two component fast setting grout based on a polyol component (part A) and a polymeric MDI (part B). When it is mixed together it creates a hydrophobic polyurethane foam which is solid, rigid and resistant to a wide range of chemicals. Eurotaff Inject 525 reacts rapidly enabling the product to cut off large water leaks.

Advantages

- High foam strength
- Rapid reaction
- Good bond strength
- Medium viscosity
- Solvent free, environmentally.

Applications

- Extreme water ingress
- Large voids.
- Dry fissure grouting.
- Foundation stabilisation.



Specifications

| EUROTAFF INJECT 525 Part A | | |
|----------------------------|--------|--------|
| Colour | Opaque | |
| Density | 1.02 | |
| Mix ration (A:B by volume) | 1:1 | |
| EUROTAFF INJECT 525 Part B | | |
| Colour | Brown | |
| Density | 1.23 | |
| Mix ratio (A:B by volume) | 1:1 | |
| Reaction Times (1:1) | 15°C | 25°C |
| Cream time | 50sec | 30sec |
| Gel time | 120sec | 90sec |
| Tack free time | 180sec | 150sec |

| Eurotaff Inject 525 Mixed at a ratio of 1:1 | |
|---|----------------|
| Colour | Brown |
| Density | 1:1 |
| Final Cure | 1 day |
| Viscosity 25°C | 280-320 mPas |
| Elongation at break | 3-4% |
| Expansion | Up to 20 times |
| Compressive Strength Confined | 80MPa |
| Compressive Strength Free Foam | 2MPa |
| Slant Shear Bond Strength | 12.9 MPa |

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Application guideline

Eurotaff Inject 525 is a two component injective grout mixed at a ratio of 1:1 by volume. Mix the individual components Part A and Part B separately using a slow speed (350-500 rpm) paddled mixer for approx. 30 seconds. Add the proper ratio of Part A to the Part B in a large mixing container (plastic preferred) and mix for three minutes. Long mixing times may be required in cold climates. When Eurotaff Inject 525 has cured it forms a rigid polyurethane foam. The reaction time and foaming will vary depending on temperature and water encountered.

Notes

- It is recommended that Eurotaff Inject 525 to be conditioned to appropriate temperatures for at least 12 hours prior to application.
- All technical data stated herein is based on tests carried out under laboratory conditions.
- Slow set version is available upon request.