

RESINEX HYDRO-GROUT

Water reacting expanding foam sealant

Background

RESINEX HYDRO-GROUT is a hydrophilic polyurethane, which in contact with water, makes a solvent-free product used for mass, annular and entry water-proofing.

Specific benefits

- ◆ Reacts with water (existing or pre-blended) to create swelling, waterproof foam.
- ◆ It is able to absorb water up to 800% of its own weight.
- ◆ Strength ranges from gel to rubber-like foam depending on dilution.
- ◆ Stop water filtration.

Packaging

- ◆ 25 litre kegs; 200 litre drums; IBC's

Physical characteristics

Unreacted: Viscous, amber, sweet smelling liquid.

Reacted: Flexible gel to rubber-like foam; hydrophilic

| <i>Physical characteristics when reacted</i> | | | | |
|--|------------------|------------------|--------------|--------------|
| Water/Resinex Hydro-Grout | 1:1 | 3:1 | 5:1 | 8:1 |
| Gel time (s) | 110 | 100 | 90 | 100 |
| Strenght (KPa) | 2.97E+03 | 1.80E+03 | 1.13E+03 | 1.00E+03 |
| Form | Rubber-like foam | Rubber-like foam | Flexible gel | Flexible gel |

| <i>Temperature effects on reaction times</i> | | | |
|--|-------|------|-------|
| Water/Resinex Hydro-Grout | 1:1 | 5:1 | 10:1 |
| 21°C | 110 s | 90 s | 110 s |
| 27°C | 85 s | 65 s | 70 s |
| 32°C | 65 s | 55 s | 60 s |

For further guidance, and specific recommendations and costings for your project, kindly contact:
Mudtech Ltd - Morrison Mud Division,
Wyburn House, 1 Crab Lane
STAFFORD ST16 1SB United Kingdom
sales@mudtech.co.uk www.mudtech.co.uk
Tel: 0121 360 7669 Fax: 44 1929 554 361
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How to use

Injectable as a single component to react with in situ water, if present. Alternatively, water can be injected in parallel with the Resinex Hydro-Grout. Generally, start injecting at the lowest point (packer) of the installation, then move on when the grout appears at the next point. Preferably, return and repeat injection until refusal. Clean residue by pressure washer to complete installation.

Health and Safety/ Environmental Protection

The active material is hazardous and must be handled with care - see MSDS. The reacted foam is stable and low hazard.

Caution

Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.

Do not eat, drink, smoke while in active contact with this material.

Avoid skin contact.

Wash hands with soap and water.

Anyone experiencing difficulty breathing

when working with this material or showing an allergic reaction should seek fresh air immediately and consult a doctor if symptoms persist.

Availability

For delivery worldwide

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