

Sealtite 3000

Flexible polyurethane injection resin



DESCRIPTION

Sealtite 3000 is a Flexible, MDI based, single-component polyurethane resin. This high-performance resin reacts rapidly when in contact with water to provide a high strength polyurethane seal capable of shutting down large water leaks.

Sealtite 3000 has a very high reactive content, this greatly enhances performance and minimises the possibility of leachable pollutants.

Sealtite 3000's high reactivity and flexibility and makes it ideal for applications where some movement is expected such as tunnel segments, basement waterproofing and injection of precast structures.

ADVANTAGES

- Highly active formulation
- Internally catalysed
- Low viscosity
- Flexible
- Resistant to many common organic and inorganic chemicals, mild acids and alkalis
- Solvent free
- Injected as a single component
- Variable reaction speed when used with a catalyst

USES

- High speed sealing of leaking cracks
- Precast repairs
- Back grouting
- Tunnelling

APPLICATION

Sealtite 3000 is pre-catalysed with a low level internal catalyst and may be used without the additional catalyst. For use against active water flow the reaction times must be adjusted on site to suit the conditions by altering the addition level of catalyst and the catalyst type.

Unicat: The standard catalyst for this system. High flow and rapid strength development. Usage rate up to 5%

Isocat: Rapid gelling action and Low odour for confined spaces. Usage rate up to 5%.

The recommended application method is to use a single-component high-pressure pump to inject the catalysed resin into cracks or soil. For crack injection the pump should be capable of delivering a minimum 1 litre per minute at 200 – 3000psi.

Cleaning: Clean all pumps and equipment with either Sealtite cleaner or RB29 cleaner.

SAFETY

- Avoid contact with skin & eyes.
- Wear safety glasses, gloves and overalls.
- Avoid inhaling vapours.
- Read the health & Safety data sheet before use.

STORAGE

- Store at between 10°C and 40°C.
- Keep containers closed when not in use.
- Stir well before use.
- Shelf life 12 months in unopened containers.

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