PRODUCT DATA SHEET
Ronabond® PU 55

ELASTOMERIC FOAMING POLYURETHANE GROUT

DESCRIPTION
Ronabond® PU 55 is an MDI based, single-component polyurethane resin. This system reacts rapidly when in contact with water to provide an elastomeric polyurethane closed cell foam seal capable of shutting down water leaks, seepage, and sealing cracks. Ronabond® PU 55 is a pre-catalysed low viscosity resin that is designed to form a resilient elastomeric seal in cracks and voids.

USES
- High speed sealing of leaking cracks
- Back grouting and sealing
- Sealing pipe joints and tunnel sections

CHARACTERISTICS / ADVANTAGES
- Safer than TDI based products
- Low viscosity
- Resistant to mild acids, alkalis and common chemicals
- Non-flammable
- Single component
- Form a flexible elastomeric closed cell foam seal
- Maintains seal under repeated wetting cycles
- Accommodates movement and vibration

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Packaged</th>
<th>20 kg drum</th>
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<tbody>
<tr>
<td>Colour</td>
<td>Clear</td>
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<tr>
<td>Shelf life</td>
<td>12 months from the date of production</td>
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Storage conditions
Stored properly in undamaged and unopened original sealed packaging in the temperature range +10 °C to +40 °C. Protect from direct sunlight and frost.

Density
Approx. 1.1 kg/litre

Flash Point
> 150 °C

Viscosity
< 700 MPas at 20 °C

APPLICATION INFORMATION

Reaction Time
< 120 sec at 20 °C

Ambient Air Temperature
+5 °C to +40 °C
APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Ronabond® PU 55 is pre-catalysed and does not require the addition of any catalyst on site. The recommended application method is to use a single-component high-pressure pump to inject the resin into cracks or soil. Under special circumstances where the water pressure is low or the volume to be injected is small a grease gun or cartridge gun can be used.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with clean water immediately after use.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

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