



# Ronabond PU 30

## Flexible Polyurethane Grout

### DESCRIPTION

Ronabond PU 30 is an MDI based, single-component polyurethane resin. This system reacts rapidly when in contact with water to provide a strong and flexible polyurethane seal capable of shutting down large water leaks. The flexibility of Ronabond PU 30 makes it suitable for repairs to areas that are subject to movement such as pipe joints. Ronabond PU 30 is also suitable as a soil stabilisation binder in tunnelling and trench construction.

The reaction time of Ronabond PU 30 can be adjusted to suit the conditions during application by varying the level of catalyst.

### ADVANTAGES

- Low viscosity
- Flexible
- Resistant to many organic solvents, mild acids, alkalis and common chemicals
- Solvent free
- Non-flammable
- Injected as a single component
- Variable reaction speed

### USES

- High speed sealing of leaking cracks
- Soil stabilisation
- Back grouting
- Pipe joint repairs

### TECHNICAL DATA @ 23°C

Colour	Brown
Viscosity	530-450 cps
Density	1.1 – 1.2 kg/l
Flash point	>150°C
Application temp.	0°C to 40°C
Reaction time	10 – 30 seconds

### PACKAGING

Ronabond PU 30	20 & 200 kg drums
RonaCat	2 & 20 kg drums

### APPLICATION

The reaction time of Ronabond PU 30 must be adjusted on site to suit the conditions by altering the addition level of RonaCat. The level of RonaCat will depend on the temperature of the substrate and the reaction speed required. The minimum level of catalyst required is 1% and the maximum is 10% by weight.

Use	RonaCat Addition
Soil stabilization	1%
Water cut-off above 10°C	5%
Water cut-off below 10°C	10%
Water cut-off against high water flow	10%

The recommended application method is to use a single-component high-pressure pump to inject the catalysed 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.

### 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.

Our Ref. : RFE-DS050 Issue 1 11.01.2005



ISO 9001 : 2008  
Certificate No. : CG 1983

**SIKA HONGKONG LTD**

Rm. 1507-12, 15/F, Block A,  
New Trade Plaza,  
6 On Ping Street,  
Shatin, N.T., Hong Kong.

**Contact**

Tel : +852 2686 8108  
Fax : +852 2645 3671  
E-mail : [marketing@hk.sika.com](mailto:marketing@hk.sika.com)  
[www.sika.com.hk](http://www.sika.com.hk)