

GroPox SL

FLUID CONSISTENCY 3 COMPONENT EPOXY GROUT

SMART ADVANTAGES

- Flowable
- Excellent adhesion
- Easy to apply

PRODUCT DESCRIPTION

GroPox SL is a three-component, solvent-free, flowable, self-levelling epoxy grout.

AREAS OF APPLICATIONS

- In all kinds of reinforcement anchorage works,
- Precision seating of baseplates.
- Precision grouting of wind turbine tower bases requiring rapid strength gain.
- Grouting under equipment, including heavy impact and vibratory machinery, reciprocating engines, compressors, pumps, presses, etc.
- Grouting for "pour-back" anchorage on post tensioning projects (e.g. segmental bridge).
- Grouting under crane rails.

FEATURES

- Solvent free
- Easy to use and apply
- Can also be adhered on humid surfaces
- Excellent adhesion on concrete and steel
- Does not shrink
- Good adhesion properties
- High resistance to chemicals

APPLICATION

- A1 and A2 components are provided according to the required mixing ratio of 1:2 parts by weight and mixed with a low cycle mixer until a smooth mixture is obtained for minimum 3 minutes.
- Pour the entire contents of mixture of A components (mixing with A1 and A2) and B components (1:4 parts by weight) mixing bucket and mixed with a low cycle mixer until a smooth, homogeneous mixture is obtained.
- Be careful to mixing ratios. It would be very fast curing or no curing with different mixing ratios.
- The material should not be mixed manually or with a trowel; no water or new material should be added in the mixture.
- The minimum application and building temperature amounts to +5 °C, which also applies to curing process.
- Pour the mixed grout into the prepared forms from one side only to eliminate air entrapment.
- Baseplate should have vent holes around periphery to prevent air pockets from developing. Maintain the liquid head to ensure intimate contact with the base plate.
- Plungers may be used to ease placement. Place sufficient epoxy adhesive grout in the forms to rise slightly above the underside of the base plate.

AFTER APPLICATION

After the application, the used tools and equipments should be cleaned with hot detergent water

COVERAGE

Approx. 1,8–2,0 kg/m² for 1 mm thickness.
The coverage amounts are theoretical.



TECHNICAL DATA

Material composition	Epoxy	
Density (kg / lt)	1,9 ± 0,05	
Mixing ratio (parts by weight)	A:1	B:4
Workable life (min) (20°C)	~40-50	
Compressive strenght		
1. day	90 – 100 N / mm ²	
7. day	100 – 110 N / mm ²	
14. day	110 – 120 N / mm ²	
Flexural Strength		
1.day	20–30 N / mm ²	
14.day	20–40 N / mm ²	
Compressive strenght (Concrete)	>4 N / mm ²	
Compressive strenght (Steel)	>3,5 N / mm ²	
Applicable thickness (mm)	10–50	
Application temperature	Between +5°C and +35°C	
Heat resistance	Between -25°C and +80°C	

Technical data is obtained according to +23°C air temperature and 50% relative humidity.

PACKAGING

A component : 2,7 kg
B component : 1,3 kg
C component : 16 kg
In 20 kg tin sets.

STORAGE

- They should be protected from frost and adverse air conditions.
- They should be kept in a dry and cool place.
- The opened tins should be closed immediately and the drums left open should be disposed.
- Shelf life is maximum 12 months.

HEALTH AND SAFETY INFORMATION

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Safety Data Sheet.



BOSTIK SMART SUPPORT

Smart help
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