

# GroPox

## EPOXY ANCHORING MORTAR AND ADHESIVE

### SMART ADVANTAGES

- Flowable
- Excellent adhesion
- Easy to apply

### PRODUCT DESCRIPTION

Bostik GroPox is an epoxy resin-based, two-component, anchoring, montage and repair mortar.

### AREAS OF APPLICATIONS

- In all kinds of reinforcement anchorage works,
- In the repair and insulation of concrete cracks; in the insulation of crack injection,
- In all kinds of constructional concrete repairs,
- Used for the montage and adhesion of all kinds of metal components into concrete or steel components.

### FEATURES

- Solvent-free
- Easy to use and apply
- Watertight
- Excellent adhesion on concrete and steel

### PREPARATION OF THE SUBSTRATE

- Cement-based surfaces should be removed from all kind of dirt (concrete, wood, plaster).
- Steel surfaces should be completely cleaned from rust and dirt.

### APPLICATION

- The material is mixed with a low cycle mixer until a smooth mixture is obtained for minimum 3 minutes. The temperature of the material should be between +15°C and +25°C while mixing.
- The material should not be mixed manually or with a trowel; no water or new material should be added in the mixture.
- Bostik GroPox is applied to the surface with a trowel or a spatula.
- The holes should be cleaned with air thoroughly; the holes should be 6mm wider than the reinforcement.
- The material can be easily applied with a mortar gun.

### AFTER APPLICATION

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

### COVERAGE

Approx. 1,7 kg/m<sup>2</sup> for 1 mm thickness.  
The coverage amounts are theoretical.

### PACKAGING

A component : 3,75 kg  
B component : 1,25 kg  
In 5 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 tins left open should be disposed.
- Shelf life is maximum 12 months.



### TECHNICAL DATA

Dmax (mm)	2
Colour	Grey
Applicable Thickness (mm)	30
Density of the Mixture (kg / lt)	1,7 ± 0,2
Compressive Strength (N/mm <sup>2</sup> )	1 day = 30 7 days = 75
Flexural Strength (N/mm <sup>2</sup> )	1 day = 17 7 days = 25
Bonding Strength (N/mm <sup>2</sup> )	On concrete = 3,0 On steel = 3,5
Working Time (+20°C)	40 min
Heat Resistance	Between +15°C and +90°C
Environment temperature for application	Between +5°C and +35°C
Final Strength Period	7 days

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

### 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**

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