



# REC GROUT 730

## General purpose non shrink grout

### PRODUCT

Rec Grout 730 is a ready-to-use grout made of selected aggregates, special cement and additives. It can be used where non shrink properties are required. Rec Grout 730 is specially formulated to produce a shrinkage compensating grout for various applications

### SCOPE OF USE

- Filling of shutter tie rod hole openings
- Repair of damaged concrete areas
- Concrete jacketing for slabs, columns, beams and footings
- Fixing and joining concrete elements
- Closing or Filling in concrete and precast elements

### ADVANTAGES

- Non-shrinking
- Easy to apply
- Excellent shock & vibration resistance
- Pumpability properties

### CHARACTERISTICS

Appearance	Grey powder
Free from chlorides and metallic particles	
pH	12
Fresh density	2.3 kg/dm <sup>3</sup>
Compressive Strength @ 28 days	40 MPa

### APPLICABLE STANDARDS

ASTM C 1107.

### INSTRUCTIONS FOR USE

#### SUBSTRATE PREPARATION

Rec Grout730 may be applied on sound concrete, masonry, rock or similar materials. Remove damaged concrete and laitance by chipping with a pick or cold-chiseling to get a rough surface. The surface must also be free from any trace of grease or oil. Saturate the surface with water by copiously spraying just before application, and if possible, 6 hours before application as well.

#### PRODUCT PREPARATION

The grout is obtained by mixing Rec Grout 730 with 6 to 7 L of clean water. Add the powder to the water and mix for 3 minutes. To ensure a homogeneous and uniform mix, an electric mixer must be used. Do not mix with other hydraulic binders. The use of additives is prohibited.

### PRODUCT APPLICATION

Build a solid leak-proof formwork.

Pour Rec Grout 730 continuously by gravity or pressure pump methods of placing and in one direction to avoid air pockets.

The applied thickness can be up to 10 cm.

Continuous grout flow is essential and sufficient grout and water should be available to be mixed to ensure there is no discontinuity of the flow.

Ideal application temperature is between +5°C and +35°C.

### CURING

Protect the work against rapid drying from wind, sun and excessive heat by using a curing compound like Rec Cure E-4 or by covering with properly secured plastic sheeting.

### STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

### SAFETY PRECAUTIONS

Application should be done in a ventilated area away

from any heat source. Wear protective gear for hands and eyes and avoid breathing of vapor. If mixed resin comes into contact with the skin, it should be promptly removed before hardening, followed by thoroughly washing the skin with soap and water. In case of heavy vapor inhalation, place affected person in an open-air area. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In all cases, seek medical attention. In case of fire, use CO<sub>2</sub> foam to extinguish. Tightly seal containers when not in use, store them away from heat and carefully dispose empty ones.

### DISCLAIMER

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## NOTE

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