



REC GROUT 731

General purpose non shrink grout

PRODUCT

Rec Grout 731 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 731** 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 ³
Compressive Strength @ 28 days	40 MPa

APPLICABLE STANDARDS

ASTM C 1107

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

Rec Grout 731 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 731** with 2.25 to 2.75 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 731** 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

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention. The product is non-flammable.



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DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

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