

REC GROUT 754

Fast-setting pourable polyester grout for filling cable slots

PRODUCT

Rec Grout 754 is a three-component low-modulus, semi-flexible polyester resin compound for filling cable slots. Can be used in asphalt, bitumen and concrete surfaces. Use for gaps 5 mm to 16 mm wide.

SCOPE OF USE

- Runway airport lighting
- Taxiways and hardstanding
- Communication cables in sawn slots

ADVANTAGES

- Easy to mix and place
- Does not segregate or bleed
- Rapid setting for quick return to service
- Can be used in cold weather down to 5°C
- Good abrasion resistance
- Excellent chemical resistance
- Available in black

CHARACTERISTICS	
Compressive strength	13 N/mm ²
Tensile strength	3.5 N/mm ²
Flexural modulus	10 - 12 N/mm ²
Modulus of elasticity in compression	14 kN/mm ²
Bond strength	Failure of concrete or asphalt substrate
Density	1659 - 1725 kg/m ³

*The following test results were obtained in laboratory conditions, in 2 hours (20°C).

SETTING TIME	
Cure temperature	
0°C	Do not use
5°C	90 - 110 minutes
10°C	65 - 80 minutes
15°C	35 - 45 minutes
20°C	20 - 24 minutes
25°C	12 - 14 minutes
30°C	10 - 12 minutes
35°C	6 - 10 minutes

*Once cured, the material is suitable for service conditions of +60°C.

INSTRUCTIONS FOR USE

PRODUCT PREPARATION

All surfaces must be mechanically sound, dry and clean. All saw cuts should be free of slurry, dirt, dust, grease, oil or any other contaminants.

Saw cuts should be as narrow as possible, depending on cable size.

Surfaces should provide a textured, mechanical key for full bond.

The edges of slots should be cut sharp.

New concrete should be at least 7 days old prior to grouting.

PRODUCT APPLICATION

Immediately after mixing, pour Rec Grout 754 into the prepared slot using a funnel or tun dish.

Top up as required within 2 hours.

Rec Grout 754 is not intended for filling large voids. For gaps wider than 16 mm, use Rec Grout 754 mixed with clean, dry, rounded aggregate up to 5 mm diameter. Up to 10 kg of aggregate can be used for gaps not exceeding 30 mm. Setting times are dependent upon temperature.

MIXING

Pour the resin into a clean plastic or other suitable container and gradually add the small bag containing hardener. Mix thoroughly. Now add the large bag containing filler and mix until a uniform color and consistency is achieved.

Small quantities can be mixed by hand using a spatula. Large quantities should be mixed mechanically.

YIELD

11 liters per pack.

CLEANING

Clean tools before the grout sets.

STORAGE

Store in a cool, dry place out of direct sunlight. Shelf life in correct storage conditions is at least 12 months.

PROTECT FROM FROST.

In hot weather conditions it is advisable to keep the product in refrigerated containers, transferred to insulated chambers/boxes on site.

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.



REC GROUT 754

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 CO₂ foam to extinguish. Tightly seal containers when not in use, store them away from heat and carefully dispose empty ones.

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

The information included on this Technical Data Sheet is the sole property of Reckon Chemicals Pvt Ltd. The unauthorized disclosure, use, dissemination or copying (either whole or partial) of this data sheet or any information it contains, is prohibited and subject to legal pursuit.