

Fast-setting pourable grout for filling cable slots

webertec cable grout



Uses

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

About this product

webertec cable grout 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.

Features and benefits

- ▲ 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

Technical data

The following test results were obtained in laboratory conditions, in 2 hours.

	20°C
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

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.

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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.

Application

Immediately after mixing, pour **webertec cable grout** into the prepared slot using a funnel or tun dish.

Top up as required within 2 hours.

webertec cable grout is not intended for filling large voids. For gaps wider than 16 mm, use **webertec cable grout** 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. These are shown in the *Technical Data* table.

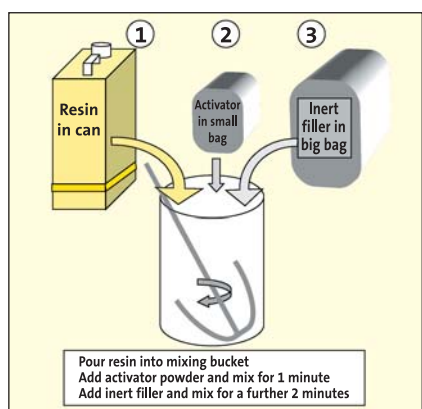
Storage and shelf life

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.

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 colour and consistency is achieved. Small quantities can be mixed by hand using a spatula. Large quantities should be mixed mechanically.

Cleaning

Clean tools with **webertec solvent** before the grout sets.

Packaging

webertec cable grout is supplied in 19 kg packs

Yield

Yield is 11 litres per pack.

Technical services

Weber's Customer Services Department has a team of experienced advisors available to provide on-site advice both at the specification stage and during application. Detailed specifications can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.

Technical helpline
 Tel: 08703 330 070
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Sales enquiries

Weber products are distributed throughout the UK through selected stockists and distributors. Please contact the relevant Customer Services Team below for all product orders and enquiries.

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