

Fast-setting pourable grout
for filling cable slots

certite cable grout

(from 2006) **weber.certite cable grout**



Uses

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

About this product

certite cable grout is a 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.

Technical data

The following test results were obtained in laboratory conditions at 20°C.

Compressive strength	13 N/mm ²
Tensile strength at 20°C (elongation 15%)	3.5 N/mm ²
at 40°C (elongation 19%)	3.1 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	1700 kg/m ³

Setting time

Cure temperature	certite	certite rapid
0°C	Do not use below 7°C	40 – 45 minutes
5°C	Do not use below 7°C	25 – 30 minutes
7°C	60 – 75 minutes	22 – 27 minutes
10°C	50 – 57 minutes	17 – 22 minutes
15°C	32 – 37 minutes	12 – 16 minutes
20°C	20 – 24 minutes	Do not use above 17°C
25°C	15 – 16 minutes	Do not use above 17°C

Special grade for temperatures in excess of 30°C, contact Technical Services.

Features and benefits

- ▲ Easy to mix and place
- ▲ Does not segregate or bleed for consistency of grout
- ▲ Rapid setting for quick return to service
- ▲ Can be used in cold weather down to 0°C
- ▲ Good abrasion resistance
- ▲ Excellent chemical resistance
- ▲ Available in two colour grades: black or orange to identify cable runs

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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.

Surfaces should provide mechanical key by texture for full bond.

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

Mixing

Mix using a forced action mixer, like a Daines Mixal mixer or Cretengle, or using an Epi MR 130B helical paddle and slow speed drill (below 450 rpm).
Take care not to entrain air whilst mixing.

Part mixing

Part mixes may be made for smaller quantities using the cups provided.

Mix ratios by volume as follows:
1 plastic cup of resin
2 paper cups of hardener.

Mix in a clean mixing bucket, pour in the resin and then gradually stir in the powder hardener to achieve a smooth even consistency.

Application

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

Top up as required within 2 hours.

certite cable grout is not intended for filling large voids. For gaps wider than 16 mm, use **certite cable mortar**.

Setting times are dependent upon temperature. These are shown in the table overleaf.

Cleaning

Clean tools with **solvent no. 3** before the grout sets.

Packaging and yield

certite cable grout is supplied in 16.5 kg packs.
Yield is 9.5 litres per pack.

Storage and shelf life

Store in a cool, dry place out of direct sunlight.
Protect from frost.

Shelf life in correct storage conditions is at least 12 months.

Health and safety

Wear gloves when handling **certite cable grout**.

When freshly mixed and before it has set, **certite cable grout** is flammable, with a flash point of 30°C. The material can be handled safely and easily, provided that proper site cleanliness is observed. Operatives are advised to avoid direct contact by using barrier creams and protective clothing. In the event of contamination the product should be removed with soap and water or proprietary cleansing creams. Working areas should be well ventilated.

For further information, please request the Material Safety Data Sheet for this product.

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: (01525) 722110
Fax: (01525) 718988

Sales enquiries

weber products are distributed throughout the UK through selected stockists and distributors. For UK sales enquiries and overseas projects, contact **weber's** Sales office.

Sales office

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