

Fast-setting mortar for filling cable slots

certite cable mortar

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



About this product

certite cable mortar is a low modulus, resilient polyester resin mortar for filling cable slots. Use for gaps 16 mm to 40 mm.

Technical data

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

Compressive strength	2 hours	30 N/mm ²
	28 days	35 N/mm ²
Tensile strength		7 N/mm ²
Flexural strength		13 N/mm ²
Flexural modulus E value		15 – 18 N/mm ²
Bond strength		Failure of concrete or asphalt
Density		2150 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.

Uses

- Runway airport lighting cable slots
- Taxiways and hardstanding cable slots
- Duct chases through asphalt, concrete and tarmacadam pavements

Features and benefits

- ▲ Rapid setting for quick return to service
- ▲ Can be used in cold weather down to 0°C
- ▲ Easily mixed and placed
- ▲ Relatively low modulus, not brittle
- ▲ Can be placed in wide gaps up to 40 mm
- ▲ Does not segregate or bleed for consistency of mortar
- ▲ Good abrasion resistance for constant traffic loads
- ▲ Excellent chemical resistance

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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 before 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
3 paper cups of hardener
2 paper cups of filler.

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

Application

Immediately after mixing, pour **certite cable mortar** into the prepared slot using a bucket or trowel.

Top up as required within 2 hours.

certite cable mortar is not intended for filling large voids. For gaps wider than 40 mm, use **pyrapatch** for concrete pavements only.

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 mortar is supplied in 25 kg packs.
Yield is 12 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 mortar**.

When freshly mixed and before it has set, **certite cable mortar** 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

Tel: (01525) 722100
Fax: (01525) 718988

Saint-Gobain Weber Ltd

Dickens House, Enterprise Way, Maulden Road, Flitwick, Bedford MK45 5BY, UK
Tel: 08703 330070 Fax: (01525) 718988 e-mail: mail@weberbuildingsolutions.co.uk

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