

Fast-setting, multi-purpose mortar

webertec mortar



Uses

- Patch repairs to small defects in concrete
- Repair of pre-cast kerbs
- Fixing small bolts and bedding steel plates
- For rapid set fixing of bridge bearing pads
- Repairs to concrete steps

Features and benefits

- ▲ Fast setting for quick and easy installation
- ▲ High strength allows rapid return to use
- ▲ Can be used in cold temperatures down to 0°C and still provide rapid set
- ▲ Economical usage through part mixing by volume – use only what is required

Constraints

- ▲ Not to be used in buildings that are subject to fire regulations

About this product

webertec mortar is a three-component polyester resin mortar suitable for small concrete repairs. Comprises a liquid resin, powder hardener and filler to produce either a pourable mortar or stiff mortar. It can be applied in thicknesses of 3 mm to 50 mm maximum. Two grades are available for use in different temperatures.

Conforms with BS EN 1504-3.

Technical data

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

Setting times

Ambient temperature	webertec mortar rapid	webertec mortar standard
0°C	45 – 45 minutes	–
5°C	25 – 30 minutes	–
7°C	22 – 27 minutes	Do not use below 10°C
10°C	17 – 22 minutes	55 minutes
15°C	12 – 16 minutes	45 minutes
20°C	Do not use above 17°C	30 minutes
25°C	–	20 minutes
30°C	–	15 minutes
35°C	–	12 minutes
40°C	–	8 minutes

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Preparation

All surfaces must be mechanically sound, dry and clean. Ensure surfaces are free from dirt dust, paint, grease and any other contamination.

Cement laitance should be removed from concrete

New concrete should be 28 days old.

Mixing

Part mixing

Measuring cups are provided in 25 kg pack and the mixing ratio is:

- 2 cups liquid resin
- 1 cup white powder hardener
- 3 to 6 cups grey filler

Note: Do not mix more than 4 cups of resin, 2 cups of hardener and 12 cups of filler.

Mix and place small quantities of **webertec mortar** to avoid wastage.

Pour the resin into a clean, dry plastic or rubber bucket and gradually stir in the white powder hardener using a flat blade or palette knife. Stir until a uniform colour and consistency is achieved, then slowly add the grey filler and mix to the required consistency.

Add 3 cups of filler for a fluid mortar and 6 cups for a stiff mortar.

Small quantities can be mixed by hand using a flat blade or alternatively in a forced-action mixer.

Application

Immediately after mixing, place the mortar ensuring it is in full contact with the surfaces and compacted into position. **webertec mortar** sets quickly and should be used immediately after mixing.

Setting times are dependent on temperature and are detailed in the *Technical Data* table.

Packaging

webertec mortar is supplied in a 25 kg pack.

Yield

One 25 kg pack yields a volume of 12.5 litres.

Storage and shelf life

Store in a cool dry place, protect from frost and direct sunlight. Shelf life in correct storage conditions is at least 12 months.

When used in hot climates, cool or cold storage conditions will extend the working time of the product.

Health and safety

Polyester-based.

Wear gloves when handling **webertec mortar**.

When freshly mixed and before it has set, **webertec 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
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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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