

Fast-setting, multi-purpose mortar

webertec mortar



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 3mm to 50mm maximum.

Conforms with BS EN 1504-3.

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 temperatures down to 5°C
- ▲ 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

Technical data

Setting times

Ambient temperature

5°C	150 minutes
10°C	55 minutes
15°C	45 minutes
20°C	30 minutes
25°C	20 minutes
30°C	15 minutes
35°C	12 minutes
40°C	8 minutes

webertec mortar

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 25kg 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 25kg pack.

Yield

One 25kg 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

Tel: 01525 718877
e-mail: technical@netweber.co.uk

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.

UK and Ireland

Tel: 01525 718877
e-mail: customerservice@netweber.co.uk

Saint-Gobain Weber

Dickens House, Enterprise Way, Maulden Road, Flitwick, Bedford MK45 5BY, UK
Tel: 01525 718877 e-mail: mail@netweber.co.uk www.uk.weber

To the best of our knowledge and belief, this information is true and accurate, but as conditions of use and any labour involved are beyond our control, the end user must satisfy himself by prior testing that the product is suitable for his specific application, and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Products are sold subject to our Standard Conditions of Sale and the end user should ensure that he has consulted our latest literature.