

## Technical Data Sheet Article No. 6272

# Epoxy Quick Fix

Fast reacting, reactive resin mortar with a wide application spectrum

### Range of use

Epoxy Quick Fix is a fast curing, epoxy resin mortar system for horizontal and vertical cementitious surfaces.

#### Examples of application:

- For filling and repairing missing and broken out areas
- For bedding anchors and railing posts
- For producing cills and kerbs
- For hollow and triangular covers

### Property profile

The Quick Fix System consists of a fast curing, epoxy resin binder and dyed quartz sand with an optimised grading curve:

- Coordinated packages
- Easy to use
- Can be coated over after approx. 2 hours (20 °C, 60 % relative humidity)
- Can be subjected to light mechanical loads after approx. 6 hours (20 °C, 60 % relative humidity)
- Cures as of 3 °C

### Mixing ratio

Binder : filler:  
Approx. 1 : 9 parts by weight

### Characteristic data of the product

<b>Binder:</b>	epoxy resin
<b>Filler:</b>	coloured filler
<b>Density:</b>	2.65 g/cm <sup>3</sup> (grain density of filler)
<b>Density:</b>	1.10 g/cm <sup>3</sup> (mixed density binder, 25 °C)
<b>Compressive strength:</b>	> 40 N/mm <sup>2</sup>
<b>Flexural tensile strength:</b>	19 N/mm <sup>2</sup>

### Directions

#### Production of the reactive resin mixture:

The resin-hardener components of the binder are packaged in a special container in the proper mixing ratio. The hardener component (B) is entirely added to the resin component (A) and thoroughly mixed until streak-free.

#### Production of the mortar mixture:

After the reactive resin mixture has been properly mixed, the filler is immediately added. The plastic bucket can be used for mixing. The filler and reactive resin mixture are then homogeneously mixed with a drill and suitable mixing paddle. Insufficiently mixed material causes soft, incompletely cured areas in the mortar!

#### Working the mixed mortar:

After pouring the reactive resin mixture into the plastic bucket, the

remaining binder in the metal can is used to prime the bonding surfaces within the pot-life of the reactive resin.

The mixed mortar is then applied to the still fresh (tacky) primer, compacted and smoothed with suitable tools within the pot-life of the mixed mortar.

### Notes on working

When working, wear suitable protective equipment (see also Personal protective equipment).

The substrate must be protected from rising damp and be clean, dry and free of substances that could interfere with adhesion. The substrate must also fulfil the mechanical requirements for utilisation.

The temperature of the surrounding air and the substrate should not fall below 3 °C.

Condensation on surfaces to be coated, which can occur if the temperature falls below the dew point temperature, considerably decreases adhesion.

For this reason, the dew point temperature must be at least 3 °C below the temperature of the substrate to be coated.

### Special notes

Further information is found in the Technical Data Sheet for the epoxy resin binder (Epoxy Quick 100, Art. No. 0899).

The short pot-life of the binder and the mortar (approx. 15 minutes) must be observed.

The sequence for mixing and application must be strictly observed.

### Tools, cleaning

Mixing equipment, filling knife, smoothing trowel, brush.

Clean tools immediately after use and, if necessary, during work with V 101 Thinner.

When cleaning, pay attention to proper protective equipment (see also Personal protective equipment).

Further information is also found in our tool programme catalogue.

Personal protective equipment:  
Suitable nitrile rubber gloves (e.g. Tricotril made by KCL), protective

glasses, splash protection, long-sleeved shirt or arm protectors.

When spraying the material in a spraying consistence, further protective equipment is required (respiratory filter). For more information, see the Safety Data Sheet.

### Packaging, application rate, shelf-life

#### The Epoxy Quick Fix set includes:

- 10 kg plastic bucket
- 9 kg filler mix
- 1 kg epoxy resin as a primer and binder
- 1 brush
- 1 wood stirrer
- 1 bag for disposal
- 1 pair disposable gloves

### Application rate

#### Mortar:

Approx. 2.0 kg/m<sup>2</sup> per mm thick layer or approx. 2.0 kg/l void

#### Triangular cove:

Approx. 2.0 kg per running metre when worked as a triangular cove (sides approx. 5 x 5 cm )

#### Shelf-life:

At least 9 months in unopened and unmixed, original containers.

### Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet and the brochure "Epoxy

Resins in the Building Industry and the Environment" published by Deutsche Bauchemie e.V. (2<sup>nd</sup> edition, 2009).

#### Binder:

**GISCODE: RE 01**

**Chem VOC Paint V (2004/42/EC):**

Group (LB): j

Stage 2 (2010): max. 500 g/l

Stage 1 (2007): max. 550 g/l

This product contains < 500 g/l

#### Emergency information:

Mon.-Thurs. from 7:30 a.m. to 4:00 p.m.; Friday from 7:30 a.m. to 2:00 p.m.

Product Safety Department:

Tel.: +49 (0)5432 83-138

After office hours:

Mobile: +49 (0)171/6428297

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

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