

Robex

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Robex Rapid Epoxy Crete

Robex Rapid E Crete is a superb high strength epoxy resin repair mortar ideal for use where down time is important. Rapid Epoxy Crete will cure in 2-4 hours at 20°C.



Robex Rapid Epoxy Crete

- Ready for traffic in 2-4 hours @ 20°C
- Rapid curing
- Tremendous Adhesion
- Does not shrink
- Very low odour
- Use inside and out
- Up to eight times stronger than concrete
- Can be 'feather-edged'

Robex Rapid E Crete is a superb high strength epoxy resin repair mortar ideal for use where down time is important. Rapid E Crete can be used to repair all types of damaged concrete and is ideal for repairs to step edges, holes in floors, damaged concrete and for making up the difference in floor levels. Rapid E Crete can also be used to set metal guide rails in place, is ideal for shallow repairs to concrete and can be 'feather-edged'.

Robex Rapid Epoxy Crete

- **Preparation**

Remove all loose material and dust. Surfaces must be dry, clean and free from oils, fats, etc. Animal or vegetable fats/oils should be removed with a suitable biodegradable cleaner. Petroleum based deposits should be removed with a suitable solvent degreaser. Rinse thoroughly with clean water allow to dry

- **Mixing Ratio**

Two parts Base: One part Reactor by volume

Or empty contents of Reactor into Base container as supplied and stir thoroughly.

The Quartz Aggregate is added to the resultant mix. Thorough mixing of the product is facilitated by adding a small amount of Quartz Aggregate at a time. A 'dry' mix is to be preferred and frequently the quartz can carry on being added long after saturation appears to have been achieved.

- **Pot Life** (working time after mixing)

30-40 minutes @ 20°C

- **Cure Time**

2-4 hours depending on temperature

- **Coverage**

Approximately 0.55m² per 5.5kg at 4mm thick

- **Flashpoint**

Above 100°C

- **Minimum Cure Temperature**

0°C

- **Storage Life**

12 months in original sealed containers. Protect from frost.

- **Application**

Rapid E Crete can be applied by trowel or float. In the case of concrete which is dusting the area should first be primed using a short bristled brush with the mixed Base and Reactor prior to adding the Quartz Aggregate. Following this the Quartz should be added to the mixed Base and Reactor as described under 'Mixing Ratio' and the repair effected immediately. In order to achieve a smooth floated finish it is advised that the surface of the float/trowel be wiped occasionally with a cloth soaked in paraffin. Care should be taken to avoid excessive use, however, as this could integrate with the product.

When using as a screed over large areas it is recommended that you prime the surface first using Robex E Crete Primer

- **Cleaning**

To clean brushes, equipment, contaminants, etc., we recommend the use of Robex Brush Cleaner RX117.

- **Health & Safety**

Please refer to the relevant Health and Safety Data Sheet.

No liability is accepted for any injury, loss or damage arising directly or indirectly from the use of the Company's products or from the use of information given in our data sheets, since the customer's use of the product is necessarily out of our control. The information given is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use.