

Robex Freezer Crete

A high strength resin repair mortar that can be applied at temperatures as low as -40°C



In Person: Should you have any queries regarding product application, one of our trained sales engineers is always on hand to sort out any problems you may have.



On line: All of our technical data sheets and health & safety data sheets are available to download on line.



On site: If you would like Robex to apply your product for you call on the number below, we manufacture, we supply and we apply.



Robex Freezer Crete

- Does not shrink
- Excellent Chemical Resistance
- Cures at low temperatures

Robex Freezer Crete has been used in cold stores all over the world for over twenty years to repair damaged concrete floors. Freezer Crete has very low odour, tremendous strength and can be used for all types of repairs.

Robex Freezer 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. Adding a small amount of Quartz Aggregate at a time facilitates thorough mixing of the product. A 'dry' mix is to be preferred and frequently the quartz can carry on being added long after saturation appears to have been achieved.

Although this product is intended for use in cold stores, mixing should take place outside in a well-ventilated area and application should follow immediately.

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

10-15 minutes

- **Cure Time**

1-4 hours depending on temperature

- **Flashpoint**

Above 100°C

- **Minimum Cure Temperature**

-40°C

- **Storage Life**

12 months in original sealed containers.

- **Application**

Freezer Crete should be applied into the damaged area using a trowel or float. Where possible these should be made of plastic or wood as in sub zero conditions "drag" can sometimes be experienced with metal equipment.

- **General Notes**

Freezer Crete has a short pot life i.e. working life after mixing. This is essential in order to achieve a quick overall cure time and to minimize disruption of work areas. It is essential therefore that any preparatory work would be carried out prior to mixing the product and application should take place immediately following mixing.

We recommend application to substrates with a maximum moisture content of 20% and a relative humidity in the atmosphere of no more than 75%. As the product is primarily intended for cold stores, these factors are irrelevant in such areas.

- **Chemical Resistance**

Organic Acids	Fair
Inorganic Acids	Excellent/Good
Alkalis/Salts/Solvents	Excellent/Good
Oils:	Good
Water/Vegetable Oils/Fats	Excellent

- **Cleaning**

To clean brushes, equipment, contaminants, etc., we recommend the use of Robex Cleaning Solvent 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.