

**ZEOCHEM**

- ANTICORR -

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TECHNICAL DATA SHEET

ANTICORR FURAN RESIN MORTAR :

ANTICORR Furan Resin Mortar is widely used for Acid Resistant Bricks & Tiles lining works as Bedding & Jointing Mortar for Tanks, Floor, Drain, Foundation, Chemical Reaction Vessels, and Neutralization Pit etc.

Resistant: It is resistant to Non-Oxidizing Acids, Alkalis, Salt, Solvents, Greases, Detergents and Oils.

Resistant to temperature :170°C (Max.)

Preparation of Mortar:

Preparation of Mortar generally consists of Solution & Powder. In order to obtain good working consistency, the average mixing ratio is 1 Pbw of Solution & 3 pbw of Powder. This ratio will slightly vary depending upon the temperature and working conditions.

Prepare small batches of Mortar. Stirrer the Solution thoroughly before use. Place the Solution in a suitable mixing pan and add powder in it. Mix thoroughly with a spatula or Trowel. The mixing operation shall be continued until a uniform mixture is obtained.

Make sure that all the Mortar is used from the mixing pan before another batch is prepared.

Surface Preparation:

The cement plastered surface shall be slightly rough in line & level , dry & clean, free from dust, dirt, grease, oil etc., maintaining required slope etc. as no slope can be adjusted or altered in Acid proof lining works.

Setting/Curing:

Furan Resin Mortar is a Self-hardening due to its chemical reaction which occurs when the Powder & Resin are mixed together.

An initial setting occurs in 6 to 8 hrs. at 30°C

Final Setting occurs in 24 to 48 hrs. at 30°C

Curing time: 7 days at 30°C

Please ensure that no water shall be spilled over the bricks lining works before it completely cured.

Mechanical/Physical property (As per IS-4832 Part-II) :

Working time at 30°C : 20 minute (min)

Density of cured mortar : 1.8 gm per cc

Bond strength : 10 Kg.Cm²

Compressive Strength : 350 Kg/Cm²

Flexural Strength : 75 Kg/Cm²

Water Absorption : 1%

Storage Life

Solution :12 Months at the temperature 30°C (+20C)

Powder :6 Months at the temperature 30°C (+20C)

All two components are stored in cool and dry place under the roof until ready to use it original unopened (Sealed) containers.

Packing:

Solution : 25 Kg. in M.S. Drum

Powder : 25 Kg. in Plastic Bag.

Export packing : As per customer's requirement

All recommendations for use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although the information contained in this sheet is accurate to the best of our knowledge, no liability can be accepted in respect of such information and no warranty or conditions are intended in respect of the product described as the conditions of application are beyond our control.

For Technical/Trade Inquiry

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