

## TECHNICAL DATA SHEET

### Cashew CNSL Mortar

Cashew CNSL Resin Mortar is widely used for Acid Resistant Bricks/ Tiles lining as bedding and jointing mortar. It can be used for jointing Chemical Resistant Stoneware Pipes.

It is also used for ETP Plants. It is suitable where excellent resistant property and heavy impacts subjected to the surface of floors and tank is required. Cashew CNSL mortar adheres strongly on the Ceramic, Concrete surface and metals so, it can be used as a monolithic lining for the construction of dilute acids storage tanks.

### Resistant

It is resistant to Acids, Alkalies, mixed alkaline solutions with acids.

### 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

Cashew CNSL 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 10 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.

### Storage Life

- Solution: 12 Months at the temperature 30°C (±2°C)
- Powder: 6 Months at the temperature 30°C (±2°C)

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.

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**For Technical/Trade Inquiry**