

TECHNICAL DATA SHEET

PRODUCT

MAR002

Physical properties

<i>Mixing ratio</i>	3: 1
<i>Compressive strength</i>	> 150 Kg/cm ²
<i>Flexural strength</i>	> 40 Kg/cm ²
<i>Bond strength with bricks</i>	> 5 Kg/cm ²
<i>Working time (Room temp.)</i>	<20Min.
<i>Setting time (Room temp.)</i>	6-8 hrs
<i>Max. Temperature</i>	900 °C

Chemical Resistance

It is resistant to all acids including strong oxidizing acids except Hydrofluoric acid. It is resistant to acidic neutral salt solution and solvent.

Preparation

3 part of powder is mixed with 1 part of solution. The powder is gradually added with mixing to the solution in 4 to 5-minute time.

Application

is principally used with acid resisting bricks and tiles for acid resisting masonry construction, because of its very low cost. It is highly recommended to protect chimneys, incinerators. Excellent resistant to 98% Sulfuric acid, conc. nitric acid. Highly recommended for use in sulfuric acid manufacturing plant lining.

Storage & Transportation

The powder and the solution keep in a cool and dry place in tightly closed condition and away from moisture. During transportation, containers of mortar must be protected from contact with water and should not be exposed to direct sunlight and heat.

Packing

Powder: 25 Kg packed in bag.