



CERAFLUX

An ISO 9001 Certified Company

**"The Only Indian Company Manufacturing
Wide Range of Metallurgical Products "**

CERAL MASTIC-2004M

THE PRODUCT:-

CERAL MASTIC 2004M is alumina silicate fibrous material with excellent bonding property to MS shell and CERAL (refractory) shapes. CERAL MASTIC 2004M is of highly insulating property so reduces temperature drop to a considerable extent.

CERAL MASTIC 2004M is non-wettable to molten aluminium and of "IN SITU" hardening property. CERAL MASTIC 2004M is very much helpful in implementing 'CLEAN METAL PRACTICE'.

CHEMICAL COMPOSITION:-

SiO₂ : 58 – 62%

Al₂O₃ : 17 – 19%

CaO : 17 – 20%

PHYSICAL PROPERTIES

LOI @ 900°C : 50 - 52%

Linear Shrinkage : < 0.2 @ 700°C

Density : 1.1 – 1.3 gm/cm³

Dry Density : 0.80 gm/cm³

Wet Density : 1.3-1.5 gm/cm³

Max Service temp : 1000°C

Thermal Conductivity: 0.2W/mK

APPLICATION:-

Make studs of 2 to 3 mm dia. and length 6 to 8 mm on vertical walls of MS shell providing 2 to 3 inch distance between each stud.

Apply the CERAL MASTIC 2004M in moist condition on MS Shell to a 15 to 20mm thickness.

Air dry for 48 hours.

Apply/fill the CERAL MASTIC 2004M wherever the minute cracks found.

Air dry for 24 hours

Shape to be torched/pre-heated with hot dross.

Smaller shapes can be oven dried.

Preheat the shape, ready for use.

STANDARD PACKING: 6 kg HDPE bucket.

SHELF LIFE – 6 months from the date of manufacturing in closed intact packing kept in cool and dry place.

SAFETY PRECAUTION -Store the container in cool & dry place.

NOTE:- Above information is true and accurate based on controlled laboratory testing. However user is responsible for determining suitability for application at their end. No guarantee is implied since the condition in actual use differs widely & beyond our control.

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