



PRODUCT BROCHURE

**CRIZAC
METALICKS
PVT LTD.**

CRIZAC METALICKS PVT LTD.

INTRODUCTION

We would like to introduce ourselves as one of the leading manufacturers of Silica Ramming Mass and Refractories in the Eastern part of the country and doing the business for the last twenty-five years. Located in Salanpur, Asansol, the unit provides customised facilities to domestic and Overseas clientele.

CRIZAC METALICKS Pvt. Ltd. is an offshoot of TIRUPATI TRADERS towards parallel integration in providing services to its diverse customers throughout India and overseas. Since its incorporation in 1984, TIRUPATI TRADERS has been a preferred choice for the REFRACTORIES & MINERAL requirement of esteemed customers.

We are pleased to introduce ourselves as a prominent company in the field of refractories. We understand that refractory products plays a significant role in the production process of various industries including but not limited to Steel Plant, Cement plant, Chemical plants, Power plants and other allied industries. Hence we ensure our clients best quality products that would improve the production performance and help in achieving optimum output with maximum energy saving, resulting in reduced production costs and reduce carbon emission. Our diligent workforce uses optimum quality basic material at our sound production unit. Our quality experts carry out numerous inspection procedures for provided materials.

We also offer private branding for wholesalers/resellers intending to market our products in the country by their own brand

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HIGH ALUMINA PRODUCT AND FIRE CLAY

Fire clay refractory brick are essentially hydrated and aluminum silicates with minor proportion of other minerals. As a type this refractory bricks are extremely versatile and therefore can be put to numerous uses. These bricks are usually the least costly of all refractory bricks and are extensively used in various industries including the iron and steel industry, non ferrous metallurgy, glass industry and cement industry

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BOTTOM POURING SETS

Bottom Pouring Sets/Refractory B. P. Sets are shapes made of different fractions of refractory grog, plastic clay, and no plastic clays. The different fractions of these raw materials are mixed and pugged for fully homogeneous mixing. The mixture obtained hence is cold-pressed in high capacity presses to give the desired shape and size. These pressed shapes are fired in a kiln at high temperatures. We can make bottom pouring sets as per customers' specifications. Our bottom pouring sets are usually used in mild steel ingots plants.

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ACIDIC (SILICA) RAMMING MASS



SPECIFICATION

SiO_2 - 97% (+/-1%)

Al_2O_3 - 0.04%

Fe_2O_3 - 0.04%

MOISTURE - NIL

MELTING POINT - 1700 C

The role of Acidic Ramming Mass in steelmaking through induction furnace is very important. Due to its important property to withstand thermal shocks without developing any cracks due to interrupted power supply which is a very common scenario. We have taken initiative to develop an acidic ramming mass of high-quality silica Quartzite having high density.

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ACIDIC (SILICA) RAMMING MASS

Our Ramming mass is a product of high-quality quartzite having 97% Silicon dioxide and manufactured under strict quality control and calcined to eliminate the spalling tendency in a stabilized form, where silica neither expands nor contracts. It is suitable to withstand high temperatures up to 1750 degrees Celcius.

Our product Silica Ramming Mass is designed to minimize erosion in induction melting. We have three-stage beneficiation, purification, and mixing plant. The highly controlled Silica and a particle size distribution has been kept at an optimum level, according to the furnace capacity and make, gives a high density, trouble-free & consistent linings.

We also provide Pre-mix Ramming mass having boric acid as binder from 0.8% to 1.5% as per application requirement



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CONTINUOUS CASTING REFRACTORIES

Tundish Boards are the disposable Boards used to form an inner lining for continuous casting tundishes. Tundish Boards help in saving energy significantly and also reduce the consumption of refractory in tundishes. The Tundish Boards also improves the quality of steel by providing fresh Boards lining whenever the tundish is changed.

Our Tundish Board is engineered in different densities from standard type to the premium to completely match the liner to a user application. Carbon and low alloy steels with less than 1.2 % manganese are routinely cast with our Silica boards.

It offers the most economic solution for low sequence casting, which does not exceed 10 hours.

SPECIFICATIONS

BASE TUNDISH BOARD

SPECIFICATION

TENDISH
PAD

CONES &
IMPACT PAD

SiO2

>=90

>=90

FE2O3

<=1

<=1

C (%)

3 - 5

3 - 5

BULK DENSITY (GM/CM3)

>=1.2

>=1.9

APP. POROSITY (%)

>=45

>=25

C.C.STRENGTH (KG/CM2)

25-30

45-50

APPLICATION TEMP. DEG. C

>=1650

>=1650

HUMIDITY (%)

<=1

<=1

IGNITION LOSS (%)

5 - 5.5

4.5 - 5

SPECIFICATIONS

SEALING & RAMMING COMPOUND

SPECIFICATION

SEALING
COMPOUND

RAMMING MIX
READY TO USE

SiO2 (%)

>=85

>=85

AL2O3 (%)

5 - 7

5 - 7

CAO (%)

<=0.5

<=2.0

MGO (%)

<=1.0

<=1.0

FE2O3 (%)

<=0.5

<=5.0

C (%)

4 - 7

ALKALIES (%) / TD >

3 - 5

ALKALIES (%)

3 - 5

APPLICATION TEMP. DEG. C

>=1650

>=1650

MOISTURE (%)

<=9.5

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OTHER PRODUCTS

BORIC ACID

SODIUM SILICATE

PIG IRON

SPONGE IRON

ASBESTOS MILL BOARD

FERRO ALLOYS VIZ:

SILICO MANGANESE &

FERRO MANGANESE

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CREDENTIALS

INCOME TAX PAN NUMBER

AAGCC2647C

GST NUMBER

19AAGCC2647C1ZU

CONTACT NO.

9830012710

9830043338

9088982628

CRIZAC METALICKS PVT LTD.

ADMIN OFFICE

**4NO SYNAGOGUE STREET,
9TH FLOOR ROOM NO -906
KOLKATA-700001.**

FACTORY

**DHAMINBERIA,
P. S SALANPUR
DIST, BURDWAN.-713335**