

# SILICA RAMMING MASS “ADRAM-IN-BR”

Silica Ramming Mass belongs to Acid group of refractories and is made from the purest raw materials available in this country. Very high purity of raw material gives high refractoriness to the mass. The mass has tendency to expand at about 800°C and this characteristic gives a very compact lining, showing high resistance to erosion and corrosion. The expansion tendency being reversible, crack formation during cooling does not occur.

All these properties combine to give longer life to refractory lining even under extreme conditions of high temperature and heavy abrasion.

## SPECIFICATION :

Grain size	0 to 4 mm or 0 to 6 mm
Grain Shape	Subangular to subrounded
SiO <sub>2</sub> Content	99% Min.
Fe <sub>2</sub> O <sub>3</sub>	less than 0.05%
P.C.E.	Between 32 & 32½ Orton Cone
Apparent Bulk density	2.2 gms / cc.

## SALIENT FEATURES :

- Silica Ramming Mass is prepared after many years of experience and experiments in different ramming masses.
- Having experience of decades in mining and mineral trade helps us in procuring most suitable raw material available in this country.
- Higher purity ensures better refractoriness at higher temperature and gives good wear resistance combined with good corrosion resistance.
- Ideal grain distribution gives optimum compactness on ramming and forms complete monolithic crucible on sintering.
- The material has practically no free Iron particles and chemically combined Fe<sub>2</sub>O<sub>3</sub> is less than 0.05%
- Silica Ramming Mass is suitable for different types and sizes of Induction furnaces requiring acidic lining.
- Special material can be prepared as per gradation desired by the user.
- Usually material is available from ready stock.
- The material does not need any sintering agent. It is premixed (Boron Oxide) as per customer requirement.



**ADORE**  
**MULTILINE**  
**PRODUCTS**

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