

## PRODUCTS LIST

### INSULATION BRICKS

STANDARDS	PRODUCTS
As per ASTM –C-155 (Insulating fire bricks)	GR 20, 23, 26, 28, 30, 32
As per ISO 2245	85-0.45, 125-0.5, 135-0.8, 140-0.8, 150-0.9, 160-1.0, TB9-140-1.2
IS – 2042	TYPE A, B, C
IS – 12951	CLASS 2, 3
Japanese JIS Standard	A1, A2, A3, A4, A5, A6, A7 - B1, B2, B3, B4, B5, B6, B7 - C1, C2 & C3
INS SERIES	INS-110, INS-135, INS-140
POROSINT	POROSINT 500, 600, 650, 750, 1550
Perlite, Vermiculite & Diatomite Based Insulating Bricks	DENSITY (KG/CUBIC METER) 500, 600, 700, 800
EIL & LURGI Specifications	H1, H2, H3, C1, C2
CHINESE JB Specifications	LG-0.6, LG-0.8, LG-1, NG-0.5, NG-0.8, NG-1
GOST	2694, 5040 - A1 1.3, B1 1.3, B1 1.0, B1 0.8

### NRM/SRM BASKET PRODUCTS

PRODUCT NAME	TYPE	DETAILS	SPEC
NRMAC117	RAMMING MASS	NEUTRAL RAMMING MASS	Al <sub>2</sub> O <sub>3</sub> > 82%
NRMAC127	RAMMING MASS	NEUTRAL RAMMING MASS	Al <sub>2</sub> O <sub>3</sub> > 83%
TOPINGAC217	TOP CAP	NEUTRAL RAMMING MASS	Al <sub>2</sub> O <sub>3</sub> > 85%
CGROUTAC317	COIL COAT	CASTABLES	Al <sub>2</sub> O <sub>3</sub> > 95%
CGROUTAC327	COIL GROUT	CASTABLES	Al <sub>2</sub> O <sub>3</sub> > 90%
CGROUTAC337	COIL GROUT	CASTABLES	Al <sub>2</sub> O <sub>3</sub> > 85%
SRMAC817	RAMMING MASS	SILICA RAMMING MASS	SiO <sub>2</sub> >98.5%
SRMAC827	RAMMING MASS	SILICA RAMMING MASS	SiO <sub>2</sub> >98.5%
PATCHAC417	PATCHING	CASTABLES	Al <sub>2</sub> O <sub>3</sub> > 90%
PATCHAC427	PATCHING	PLASTIC HIGH CHROME	Al <sub>2</sub> O <sub>3</sub> > 82%
PATCHAC437	PATCHING	PLASTIC HIGH CHROME	Al <sub>2</sub> O <sub>3</sub> > 80%

## LOW CEMENT CASTABLES PRODUCTS

PRODUCT NAME	TYPE	DETAILS	SPEC
ALRM90NAC	RAMMING MASS	NEUTRAL RAMMING MASS	Al2O3 > 90%
ALCAST83AC	NON-WETTING	LC CASTABLES	Al2O3 > 83%
ALCAST82ACF	NON-WETTING	SELF FLOW LC CASTABLES	Al2O3 > 82%
ALCAST82AC	NON-WETTING	LC CASTABLES	Al2O3 > 82%
ALCAST65AC	NON-WETTING	LC CASTABLES	Al2O3 > 65%
ALCAST60SIC	NON-WETTING	LC CASTABLES	Al2O3 > 60%
ALCAST50AC	NON-WETTING	LC CASTABLES	Al2O3 > 50%
ALCAST45AC	NON-WETTING	LC CASTABLES	Al2O3 > 45%
ALCAST45ACHS	NON-WETTING	LC, HIGH STRENGTH CASTABLES	Al2O3 > 45%
ALCAST45ACF	NON-WETTING	LC, SELF FLOW CASTABLES	Al2O3 > 45%
CASTLC45AC	REGULAR	LC CASTABLES	Al2O3 > 45%
CASTLC50AC	LARGE GRAIN	LC CASTABLES	Al2O3 > 50%
CASTLC60AC	REGULAR	LC CASTABLES	Al2O3 > 60%
CASTLC70AC	REGULAR	LC CASTABLES	Al2O3 > 70%
CASTLC80AC	REGULAR	LC CASTABLES	Al2O3 > 80%
CASTLC90AC	SPECIAL	LC CASTABLES	Al2O3 > 90%
CASTLC95AC	SPECIAL	LC CASTABLES	Al2O3 > 95%
CASTLC83HS	HIGH STRENGTH	LC CASTABLES	Al2O3 > 83%
CASTAC75ABR	ABRA. RESISTANT	LC CASTABLES	Al2O3 > 75%
CASTLCN90AC	SPECIAL	LC CASTABLES	Al2O3 > 90%



## CONVENTIONAL CASTABLES PRODUCTS

PRODUCT NAME	TYPE	DETAILS	SPEC
RIGIDCAST40AC	HIGH STRENGTH	CASTABLES	Al2O3 > 40%
RIGIDCASTHTAC	HIGH STRENGTH	CASTABLES	Al2O3 > 45%
ACHEATA	CONVENTIONAL	CASTABLES	Al2O3 > 80%
ACHEATK	CONVENTIONAL	CASTABLES	Al2O3 > 60%
AC-CRETE-S	CONVENTIONAL	CASTABLES	Al2O3 > 70%
AC-CRETE-N	CONVENTIONAL	CASTABLES	Al2O3 > 45%
ALINCAST50	CONVENTIONAL	INSULATING CASTABLES	Al2O3 > 50%
ALINCAST40	CONVENTIONAL	INSULATING CASTABLES	Al2O3 > 40%
ALINCAST35HS	CONVENTIONAL	INSULATING CASTABLES	Al2O3 > 35%
ACINCAST7	CONVENTIONAL	INSULATING CASTABLES	Al2O3 > 28%
ACINCAST8	CONVENTIONAL	INSULATING CASTABLES	Al2O3 > 30%
ACINCAST9	CONVENTIONAL	INSULATING CASTABLES	Al2O3 > 32%
ACINCAST11	CONVENTIONAL	INSULATING CASTABLES	Al2O3 > 35%
HSCATAC617	SPECIAL	HEAT SHIELDING	Al2O3 > 28%
HSCATAC627	SPECIAL	HEAT SHIELDING	Al2O3 > 28%

## NO CEMENT CASTABLES

PRODUCT NAME	TYPE	DETAILS	SPEC
SOLCAST90AC	CEMENT FREE	CASTABLES/ NANO TECH	Al2O3 > 88%
SOLCAST86AC	CEMENT FREE	CASTABLES/ NANO TECH	Al2O3 > 85%
SOLCAST64AC	CEMENT FREE	CASTABLES/ NANO TECH	Al2O3 > 63%

## PLASTIC REFRACTORY MASS

PRODUCT NAME	TYPE	DETAILS	SPEC
PATCHAC427	CONSTRUCTION	PLASTIC HIGH CHROME	Al2O3 > 82%
PATCHAC437	CONSTRUCTION	PLASTIC HIGH CHROME	Al2O3 > 80%
PATCHAC447	CONSTRUCTION	PLASTIC	Al2O3 > 57%
PATCHAC457	CONSTRUCTION	PLASTIC	Al2O3 > 81%
PATCHAC467	CONSTRUCTION	PLASTIC	Al2O3 > 55%
PATCHAC477	CONSTRUCTION	PLASTIC	Al2O3 > 72%
COAT90AC	COATING	PATCHING/ WET	Al2O3 > 90%

## INSULATING CASTABLES & MORTARS

- ✚ Insulating Castables in high & medium purity conforming to EIL & ASTM specifications
- ✚ All types of mortars for various quality bricks are supplied in air settings or ceramic settings.
- ✚ Insulating loose fill raw material, in various grading & quality for use in filling & Castable/PCPF manufacturing.

## PRE-CAST-PRE-FIRED SHAPES

- ✚ **Specialized, complex or large sized shapes & blocks manufactured as per drawing through Pre-Cast-Pre-fired (PCPF) route.**
- ✚ Insulation Bricks & Castables based on tailor-made specifications of customers.
- ✚ Various quality refractory bricks in fireclay, bauxite and sillimanite base, its compatible mortar through our associate manufacturers and channel partners.
- ✚ Acid proof bricks along with their mortar are also sourced and supplied under our quality assurance & guarantee for packages and project purposes.