

RIMB | Refractory Insulation Millboards & Gaskets Seals

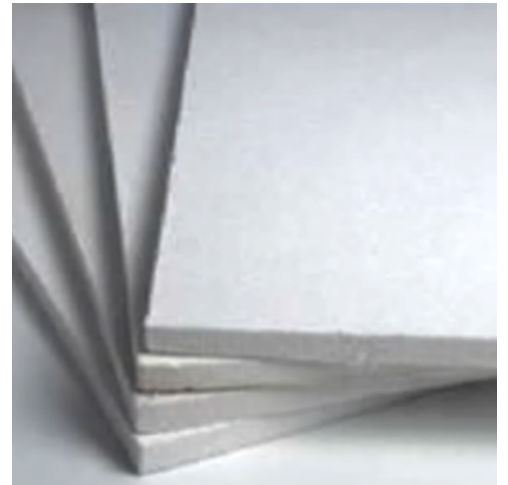
Wedge RIMB are Refractory Insulation Millboards sheet, gaskets, and seals are made of high quality refractory mineral fibres such as wollastonite, calcium silicate, rockwool bonded with high temperature clays. These insulation boards possess unique combination of properties for various industrial applications in furnace backup insulation, high temperature gasketing & seals.

- Very Strong Boards with high compressive strength.
- High temperature resistance from 1000 to 1200°C.
- Very low Thermal Conductivity at high temperatures.
- High Electrical Resistance at high temperature.
- High fire resistance and heat shield properties.
- Easy to cut and punch.
- Adaptable by wet moulding for pipe insulation.



Applications:

- Ladle & Tundish Insulation.
- Lime Kiln and Cement Kiln Insulation.
- High temperature insulation Gaskets.
- Boiler & Furnace Insulation.
- Oil & Gas Burners Insulation.
- Furnace, Dryer, and Oven Insulation.
- High temperature Pipe Insulation.
- Refractory insulation expansion joints.
- Metal clad Gaskets fillers.
- Gaskets for centrifugal casting.
- Glass rollers as washers on mandrel.
- Stainless Steel Plant Rollers Insulation.
- Electrical & home appliances insulation gaskets.
- Fire Resistant Doors, Lifts, Safes, Cupboards.



Wedge SSPL

RIMB-A | Technical Datasheet

Properties	RIMB 1000 A	RIMB 1100 A	RIMB 1260 A
Colour	Brown	Buff	White
Classification Temperature, °C	1000	1100	1260
Density, Kg/M3	1000	1000	1000
Thermal conductivity, W/m.K			
400 °C	0.11	0.12	0.11
600 °C	0.12	0.13	0.12
800 °C	0.14	0.14	0.13
Electrical Resistance, $\Omega \times 10^9 / \text{cm}^2$	7.9	4.2	2.4
Tensile Strength, Mpa	5	5	5
Flexural Strength, Mpa	7	6	6
Shrinkage % @ 1000 °C	2	1.8	1.6
Compression % @ 21 Mpa	36	34	30
Loss on Ignition %	11	8	7

RIMB-B | Technical Datasheet

Properties	RIMB 850 B	RIMB 1000 B	RIMB 1100 B	RIMB 1200 B
Colour	White	Beige	White	Brown
Classification Temperature, °C	850	1000	1100	1250
Density, Kg/M3	900	1000	950	950
Thermal conductivity, W/m.K				
400 °C	0.11	0.12	0.12	0.12
600 °C	0.12	0.13	0.13	0.13
800 °C	0.13	0.16	0.15	0.16
Tensile Strength, Mpa	3.5	4	3.2	3.5
Shrinkage % @ 1000 °C	2	1	2	1
Compression @ 70 Kg/cm2	15	11	8	
Loss at 800 °C, %	15	12	11	15

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