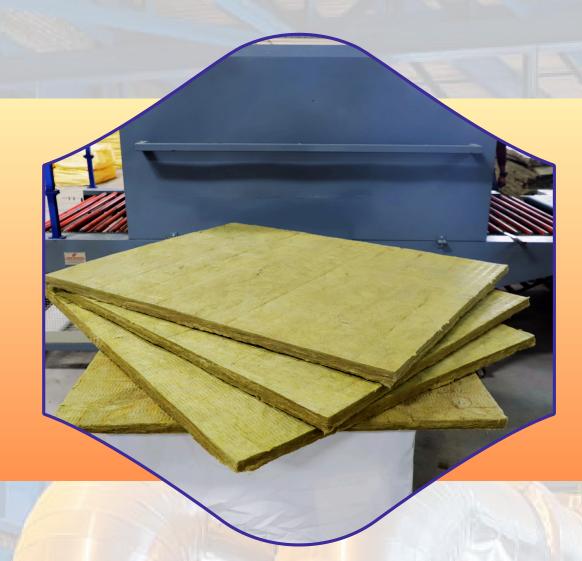
Shreeinsul Boards



Shreeinsul Lightly Resin Bonded (LRB) Blankets offers an advanced solution for insulation needs, combining exceptional thermal efficiency with flexibility for different surface shapes and sizes. These matteresses are made of molten stone wool bonded by a suitable resin and then stitching with GI wire mesh. This material complies to ASTM C592 & IS 8183



Key Features

- Versatile applicability
- Excellent thermal insulation
- Fire resistance
- Sound absorption
- Moisture resistance

TECHNICAL DETAILS									
S.no	Characteristics	Reference specification	Value						
1.	Thermal Conductivity (Density: 128 kg/cum)	IS 8183	Mean Temp.	50	100	150	200	250	300
			k value (W/mK)	0.036	0.042	0.051	0.06	0.071	0.081
2.	Maximum Service Temp	IS 8183	Upto 750°C						
3.	Leachable Chlorides Content	ASTM C871	10 ppm max						
4.	Surface Burning Characteristics	ASTM E84	FSI: 0, SDI: 0						
	Shot Content	IS 8183	250 Micons - 15% Max, 500 Microns - 5% Max						
5.	Incombustibility (Loss of Weight %)	IS 8183	5 Max						
6.	Moisture Content (% weight)	IS 8183	2 Max						
7.	Moisture Absorption (% weight)	IS 8183	2 Max						
8.	Fibre Dia (microns)	IS 8183	7 Max						
9.	Sulphur Content	IS 8183	0.6 % Max						
10.	Recovery after Compression	IS 8183	90% Min						
11.	Alkalanity (pH)	IS 8183	7-10						
12.	Heat Resistance	IS 8183	No Fusion of Fibres						
13.	Resin Content		2 % Max						
14.	Chloride Content		10 ppm Max						
15.	Compressive Strength at 10% Deformation		250 kg/sqm Min						
16.	Linear Shrikage		2% Max						
* This material is available in different thickness and densities with different facings, In Roll form or in folded form.									