

Shreeinsul Boards

Shreeinsul Stone Wool Resin Bonded Boards and Slabs are produced from loose stone wool and bonded with resin to form a robust and versatile insulation material. This unique composition results in a product that excels in thermal properties, sound absorption, and fire resistance.



Key Features

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

TECHNICAL DETAILS								
S.no	Characteristics	Reference specification	Value					
1.	Thermal Conductivity (Density: 128 kg/cum)	IS 8183	Mean Temp.	50	100	150	200	250
			k value (W/mK)	0.036	0.042	0.051	0.06	0.071
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					
5.	Shot Content	IS 8183	250 Microns - 15% Max, 500 Microns - 5% Max					
6.	Incombustibility (Loss of Weight %)	IS 8183	5 Max					
7.	Moisture Content (% weight)	IS 8183	2 Max					
8.	Water Vapour Absorption	IS 8183	1 % Max					
9.	Fibre Dia (microns)	IS 8183	7 Max					
10.	Sulphur Content	IS 8183	0.6 % Max					
11.	Recovery after Compression	IS 8183	90% Min					
12.	Alkalinity (pH)	IS 8183	7-10					
13.	Heat Resistance	IS 8183	No Fusion of Fibres					
14.	Resin Content		3.5 % Max					
15.	Compressive Strength at 10% Deformation		240 kg/sqm Min					
16.	Linear Shrinkage		2% Max					

* This material is available in different thickness and densities with different facings.