Shreeinsul Stone Wool Products

Shreeinsul The World of Insulation

Shreeinsul Blanket

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 fibres bonded by a suitable resin and then stitching with GI wire mesh. This material complies to ASTM C592 & IS 8183



Key Features

- High density
- Water repellent
- Dimensionally stable
- Easy to handle and install

TECHNICAL DETAILS									
S.no	Characteristics	Reference specification	Value						
1.	Thermal Conductivity	IS 8183	Mean Temp.	50	100	150	200	250	300
Δ.	(Density: 128 kg/cum)	12 0102	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		120 kg/sqm Min						
16.	Linear Shrikage		2% Max						