## **Shreeinsul Loose Wool**



Loose wool insulation, also known as loose-fill wool insulation, is an eco-friendly insulation material made from natural rocks like basalt. Provides excellent thermal resistance, sound absorption, fire-resistant and ideal for filling cavity and un-even surface



## **Key Features**

- Excellent thermal insulation
- Fire resistance
- Sound absorption
- Moisture resistance
- Lightweight
- Dimensionally stable

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