

EnSave Stone Wool Resin Bonded Slab



**Save Energy
Save World**



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EnSave Stone Wool Resin Bonded Slabs (RB Slabs) are designed for Thermo - Acoustic Insulation. RB Slabs/Boards are most suited for interior applications where thermal regulation, acoustic control and fire safety is required. RB Slabs/Boards are available in wide range of densities, lighter to heavier as per the application requirements, can be customised with unfaced and one/both side layer of foil scrim Kraft (FSK), BGT, ALG.

Product Specification

Product Spec : IS: 8183:1993, ASTM C-612, BS:3958 PART-5

Service Temp : - 50°C to 750°C

Density : 48 kg/m³ to 200 kg/m³

Thickness : 25mm to 100mm

Size : 1000 mm X 500 mm

Facing : FSK, BGT, ALG & UNFACED

Packing : HDPE Bags OR Shrink Wrapped

Application Field : Thermal & Acoustic Insulation & Fire Safety in Commercial & Residential Buildings, Ducts, and Industrial Equipment



EnSave StoneWool Resin Slabs/Boards are strong, resilient, easy to cut to intricate shapes & handle. Ideal to be used on flat and slight curved surfaces. Slabs are widely used for acoustic control & fire safety. Our products are free from CFC, HFC, HCFC & ASBESTOS. Compatible with all building materials.



Thermal Properties



Acoustic Capabilities



Fire - Resilience



Water Repellency



Compatibility

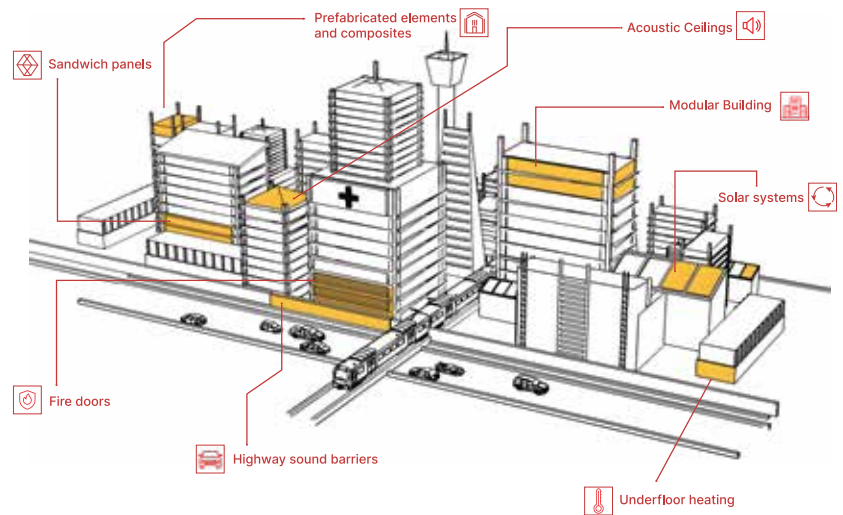


Long Lasting

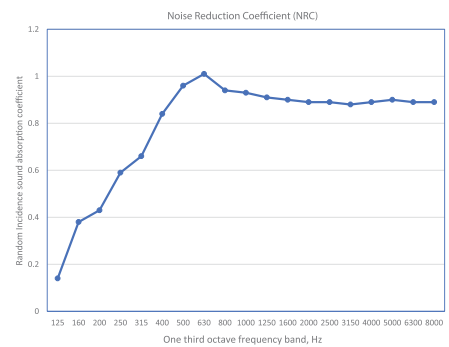
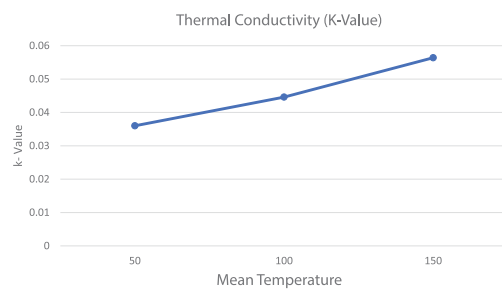


Recyclability

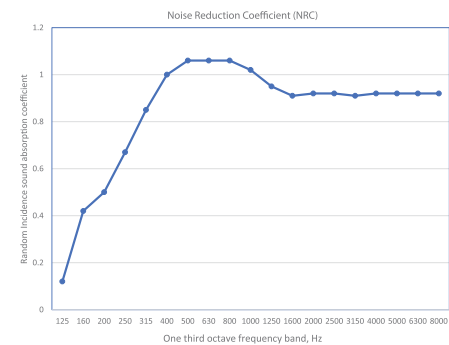
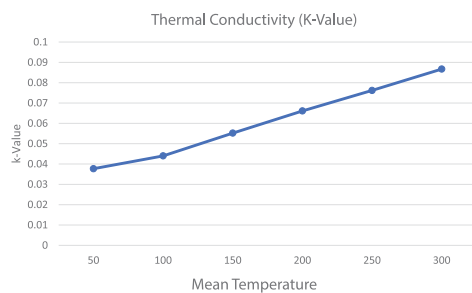
Commercial & residential buildings, airports, metro & railway stations, malls, auditoriums, theatres, hvac ducts, noise barriers, gensets, panels, cold storages, chimneys, equipments, tanks, columns, ovens etc.



RB Slab - 48 Kg/M³



RB Slab - 96 Kg/M³



Technical Parameters

Property	Value	Specification
Thermal Conductivity(mW/cm°C)	Temperature	50 100 150 200 250 300
	Group 1	0.49 0.69 0.95
	Group 2	0.43 0.52 0.64 0.78 0.93 1.10
	Group 3	0.43 0.52 0.62 0.73 0.84 0.95
	Group 4	0.43 0.52 0.62 0.68 0.80 0.90
Fire Resistant	Class 0	BS: 476 P-4.9
Maximum Service Temperature	-50 °C to 750 °C	IS: 8183
Smoke Developed Index	0-25 (passes)	ASTM E-84
Flame Spread Index	0-25 (passes)	ASTM E-84
Noise Reduction Coefficient	0.90	IS: 8225:87
Compressive Strength	8 kPa@10% Compression	ASTM C -165

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Sales Offices:

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Chennai - Bengaluru



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