

EnSave Stone Wool Building Roll



**Save Energy
Save World**



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EnSave Stone Wool Building Rolls are manufactured from melting Natural stones, spun to fine fibres with special binders with water-repellency properties. Ensave Building Rolls are factory laminated with variety of facings such as AI-FSK, BGT, ALG. It keeps the interiors of the work space thermally regulated & comfortable to work. Its most important feature is the fire resistance which provides safety from fire

Product Specification

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

Service Temp : 60°C

Size : Length – 5000mm to 10000mm, Width - 1100 mm

Thickness : 50 mm to 100 mm

Density : 48 kg/M³ and 64 kg/M³

Facing : FSK, ALG & UNFACED

Packing : LDPE Shrink Wrapped

Application Field : Thermal & Acoustic Insulation in Commercial & Residential Buildings Roofs, Walls & Duct Lines.



Building rolls are light weight material. It has excellent water repellent properties, It is easy to install on bigger span buildings. Building rolls are noise barriers, fire-safe and keeps ambient temperature inside the applied space comfortable to live, work & operate. Overall, it enhances degree



Thermal Properties



Acoustic Capabilities



Fire - Resilience



Water Repellency



Compatibility

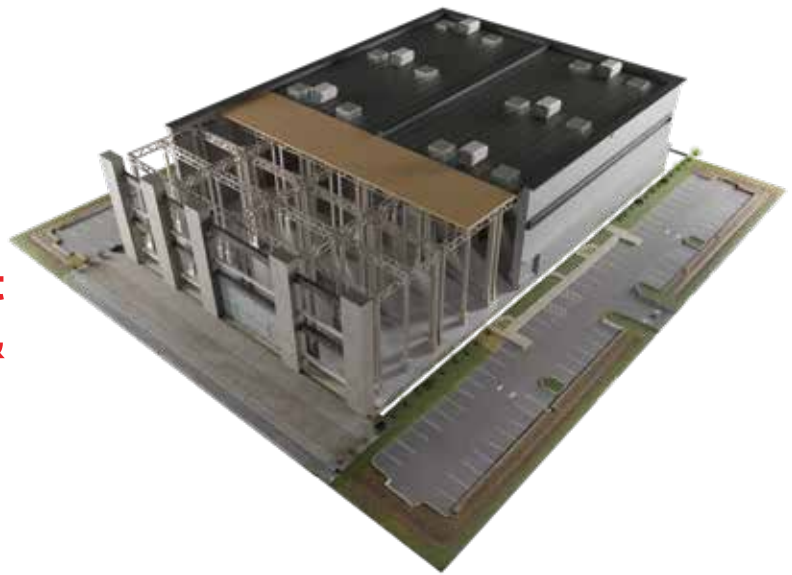


Long Lasting

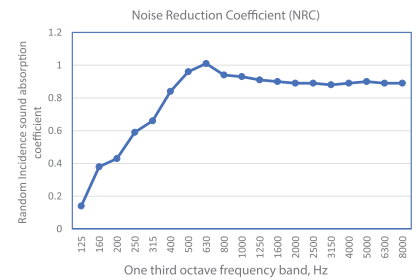
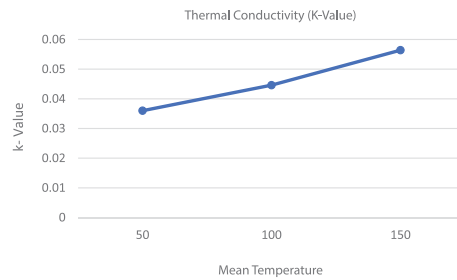


Recyclability

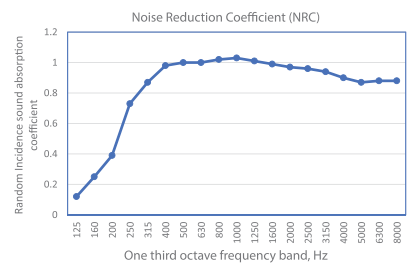
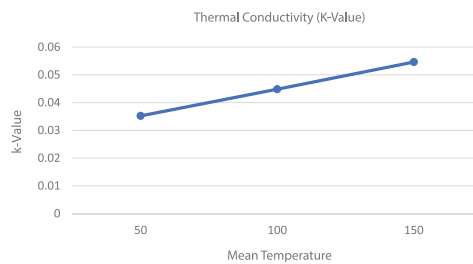
Pre-engineered buildings, industrial sheds, warehouse, pre-fab houses, airport hangars, commercial & residential roofs, walls, etc.



Building Roll - 48 Kg/M³



Building Roll - 64 Kg/M³



Technical Parameters

Property	Value				Specification	
Thermal Conductivity (mW/cm°C)	Temperature	20	40	50	100	IS:3346/1980
	48 Kg/M ³	0.36	0.44	0.48	0.59	
	64 Kg/M ³	0.32	0.33	0.39	0.46	
R - Value	Temperature	20	40	50	100	IS:3346/1980
	48 Kg/M ³	1.38	1.13	1.04	1.84	
	64 Kg/M ³	1.56	1.51	1.28	1.08	
Ambient Temperature	60 °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	
Fire Proof	Yes				BS:476 & ASTM E-84	
Sound Proof	Yes				ASTM C423/ISO 354	

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