



SHETH INSULATIONS PVT. LTD.

Dealers & Contractor in Thermal Insulation & Waterproofing Materials

Your Energy Saving Partner



Rockwool Building Roll:

Building Roll are manufactured from Stable Stone wool Bonded with thermosetting resin. The Stone wool fiber are fine and uniformly distributed to ensure consistent properties in the building roll. Compliance with IS 8183 , ASTM & BS

Facings :

Rock wool Building roll are available with ALG and Aluminum foil facing, which provides an efficient vapour barrier. Kraft paper facing is also available.

Characteristics :

Density Kg/M3	Thickness (mm)		Length (m)	Width (mm)
	Min	Max		
36	75	100	5 to 10	1100 (W/O Overlap)
48	50	100	5 to 10	
64	40	100	5 to 8	1200(With Overlap)
Temperature Range			Fiber : Up to 750 Deg C	
			Facing : 100 Deg C	
Fire safety			Non Combustible	
Water Absorption			Less than 1% by volume	
Unfaced, FSK and ALG Fire Safety			Surface Spread : Class 1	
			Class O in accordance to BS 476 (Part 6 & 7)	

Application :

- Wall & Roofs (under & over purlins) of Pre-engineering buildings.
- Pre-fabricated houses
- Poultry farms
- HVAC Ducting
- Industrial application where fire safety is a concern.



Acoustic Performance :

- Building Roll achieve excellent acoustic performance) Sound absorption coefficient and sound insulation.)
- It achieves Noise Reduction Coefficient values up to 1.05.

Thermal conductivity (K Value) :			
Mean Temp	Thermal Conductivity in W/m. K for the following densities in Kg/M ³		
Deg C	36	48	64
10	0.036	0.033	0.031
25	0.039	0.035	0.035
50	0.047	0.042	0.042
100	0.057	0.051	0.051

Thermal Performance (R Value)			
Thickness In	Thermal Resistance at 25 ^o C mean Temperature for the following densities in Kg/M ³		
mm	36	48	64
40	-	-	1.212
50	-	1.429	1.515
60	-	1.714	1.818
75	1.923	2.143	2.273
100	2.564	2.857	3.030