

Thermalrock® B (Blanket)



General Product Information

ROCKWOOL stone wool products are made of basalt, a volcanic stone.

ROCKWOOL stone wool products are non-combustible with a melting point more than 1000°C. They are particularly suitable for thermal insulation, fire protection and sound reduction or absorption.

ROCKWOOL stone wool is inorganic and contains no nutritious substance. Therefore it will not be attacked by microorganisms. Stone wool will not rot and does not attract vermin.

No CFCs, HFCs, HCFCs, or asbestos are used in the manufacture of ROCKWOOL stone wool products.

Applications

Thermalrock B is manufactured in a wide variety of thicknesses and densities to suit most requirements, suitable for general application in residential, commercial and industrial buildings.

Facings

Thermalrock B products are available in plain, aluminium foil facings and one-sided glass tissue facings.

Packaging and Storage

Thermalrock B is supplied in roll form and shrink-wrapped in polyethylene sheets for ease of handling, transportation, storage and identification. Products should be stored indoors or under a waterproof covering.



Dimension

Product Type	Thickness (mm)	Length x Width (mm)
Thermalrock B40	50	5000 X 1200
	50	7500 x 1200
Thermalrock B50	50	5000 x 1200
	50	7500 x 1200
Thermalrock B60	50	5000 x 1200
	50	7500 x 1200
Thermalrock B80	25	8000 x 1200
	25	10000 x 1200
	50	5000 x 1200
	50	7500 x 1200
Thermalrock B100	25	5000 x 1200
	25	8000 x 1200
	50	2500 x 1200
	50	4000 x 1200



Note: Please contact your local representatives for the specific densities and thicknesses that are available locally.

Technical Parameters

Product Types	B40	B50	B60	B80	B100	Standard
Nominal Density (kg/m ³)	40	50	60	80	100	
Thermal Conductivity (W/mK)*	0.036	0.035	0.034	0.034	0.035	ASTM C518
Sound Absorption	Please contact your local representative for more information					ISO 354
Fire Performance	Non-combustible / Euro Class A1 (without facing)					EN 13501-1
Water Vapor Absorption (Moisture Resistance)	< 0.04 %, by volume					ASTM C1104/C1104M
Water Absorption (Partial Immersion)	< 1.0 kg/m ²					EN 1609

* Thermal conductivity is tested at mean temperature of 20°C in accordance with ASTM C518 by external accredited laboratory. It is recommended to have a safety factor of 20% as design value.

* For UL approved products, please contact our local representative.



Disclaimer: The information contained in this data sheet is believed to be correct at the date of publication. ROCKWOOL does not accept responsibility for the consequences of using Thermalrock® B in applications different from those described above.



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