



ThermalRock B (Blanket)

General Product Information

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

ROXUL stone wool products are non-combustible with a melting point of approximately 1000°C. They are particularly suitable for thermal insulation, fire protection and sound reduction/absorption.

ROXUL 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 ROXUL stone wool products.



SGBP 2012-091



SGBP 2012-092
SGBP 2012-093
SGBP 2012-094
SGBP 2012-104

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Common 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.

Dimensions

Product Type	Thickness (mm)	Length x Width (mm)
B40	50	5000 x 1200
	50	7500 x 1200
B50	50	5000 x 1200
	50	7500 x 1200
B60	25	10000 x 1200
	50	5000 x 1200
	50	7500 x 1200
B80	25	8000 x 1200
	25	10000 x 1200
	50	5000 x 1200
	50	7500 x 1200
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	Standards
Nominal Density (kg/m ³)	40	50	60	80	100	
* Thermal Conductivity 20°C λ Values (W/mK)	0.036	0.035	0.034	0.034	0.035	ASTM C518
Sound Absorption (BS EN 20354: 1993)	Please contact your local representative for more information					
Fire Performance	Non-combustible (without facing)					BS 476 Part 4/EN 13501-1
Water Vapour Absorption	Absorb less than 0.04%					ASTM C1104/C1104M
Water Absorption (partial immersion)	Less than 1kg/m ²					EN 1609:97

* Thermal conductivity values are based on testing conducted in external accredited laboratory in accordance to ASTM C518 :1991. Test reports are available upon request. For design, it is recommended to use a safety factor of 20% as design value.

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

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 folded or roll form (depending on factory) and shrink-wrapped in polyethylene sheets for ease of handling, transportation, storage and identification. Products should be stored indoors or under a waterproof covering.



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