



ThermalRock S (Slab)

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 of approximately 1000°C. They are particularly suitable for thermal insulation, fire protection and sound reduction/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.



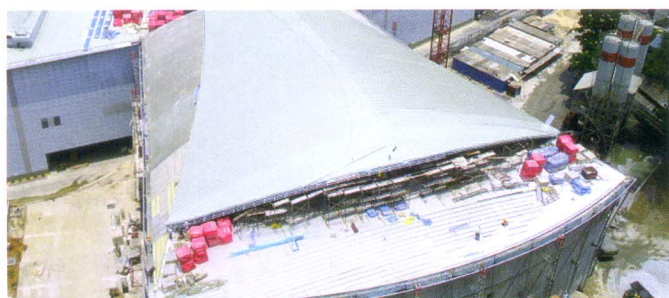
SGBP 2012-080

SGBP 2012-081
SGBP 2012-082
SGBP 2012-083
SGBP 2012-084
SGBP 2012-085

ThermalRock S (Slab)

Common applications

ThermalRock S 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

Standard sizes and densities

Thickness (mm).....**25, 50, 75 and 100mm**
 Length x Width (mm).....**1200mm x 600mm**
 Nominal Densities (kg/m³).....**40 to 140**

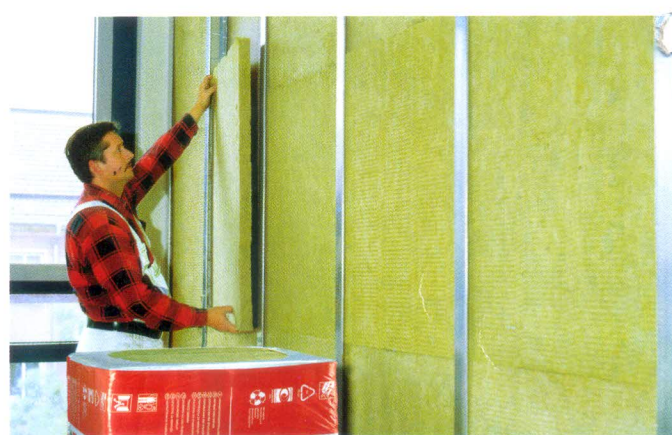
Note: Please contact your local representatives for sizes and densities not stated in the datasheet.

Facings

ThermalRock S products are available in plain, aluminium foil facings and one-sided or two-sided glass tissue facings.

Packaging and storage

ThermalRock S is shrink-wrapped in polyethylene sheets for ease of handling, transportation, storage and identification. Products should be stored indoors or under a waterproof covering.



Technical Parameters

Product Types	S40	S60	S80	S100	S120	S140	Standards
Nominal Density (kg/m ³)	40	60	80	100	120	140	
* Thermal Conductivity 20°C λ Values (W/mK)	0.036	0.034	0.034	0.034	0.034	0.034	ASTM C518
Sound Absorption [BS EN ISO 354:2003]	Please contact your local representative for more information						
Fire Performance	Non-combustible / A1 Fire Classification (without facing)						EN 13501-1
Water Vapour Absorption	Absorb less than 0.04 Vol %						ASTM C1104/C1104M
Water Absorption (partial immersion)	Less than 0.5kg/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.*



www.rockwoolasia.com

ROCKWOOL Malaysia
Sdn Bhd
 Lot 4, Solok Waja 1
 Bukit Raja Industrial Estate
 41050 Klang, Selangor
 Malaysia
 T (+60) 3 3341 3444
 F (+60) 3 3342 7290

ROCKWOOL Malaysia
Sdn Bhd
 175 A&B
 Kawasan Perindustrian
 Air Keroh, Jalan Lingkungan
 Usaha, 75450 Melaka
 Malaysia
 T (+60) 6 233 2010
 F (+60) 6 233 2012

ROCKWOOL (Thailand) Limited
 Hemaraj Eastern Industrial
 Estate [Map Ta Phut]
 1 Soi G 2, Pakornsongkrohraj
 Road, Huaypong, Muang
 Rayong 21150
 Thailand
 T (+66) 3868 5110
 F (+66) 3868 4938

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 S in applications different from those described above.