



**ROCKWOOL®**  
FIRESAFE INSULATION

# INDONESIA

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.

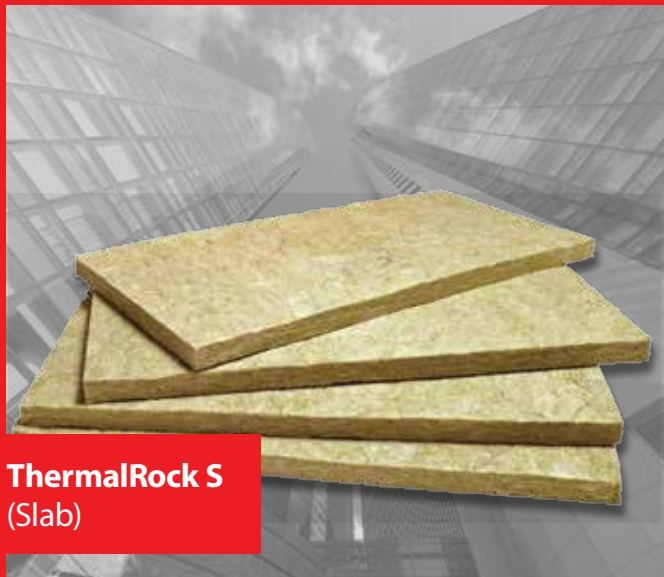
No CFCs, HFCs, HCFCs, or asbestos are used in the manufacture of ROCKWOOL stone wool products.



SGBP 2012-091  
SGBP 2012-092  
SGBP 2012-093  
SGBP 2012-094  
SGBP 2012-104

## KUALANAMU INTERNATIONAL AIRPORT





**ThermalRock S**  
(Slab)



### Dimensions

### Standard sizes and densities

Thickness (mm).....	25, 50, 75 and 100mm
Length x Width (mm).....	1200mm x 600mm
Nominal Densities (kg/m <sup>3</sup> ).....	40 to 140

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

## Technical Parameters

Product Types	S40	S60	S80	S100	S120	S140	Standards
Nominal Density (kg/m <sup>3</sup> )	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 <sup>2</sup>						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.



**ThermalRock B**  
(Blanket)

### 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
B80	50	7500 x 1200
	25	8000 x 1200
B100	25	10000 x 1200
	50	5000 x 1200
B100	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 <sup>3</sup> )	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 ISO 354: 2003)	Please contact your local representative for more information					
Fire Performance	Non-combustible (without facing)					EN 13501-1
Water Vapour Absorption	Absorb less than 0.04%					ASTM C1104/C1104M
Water Absorption (partial immersion)	Less than 1kg/m <sup>2</sup>					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.