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ROCKWOOL® 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. Mineral 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

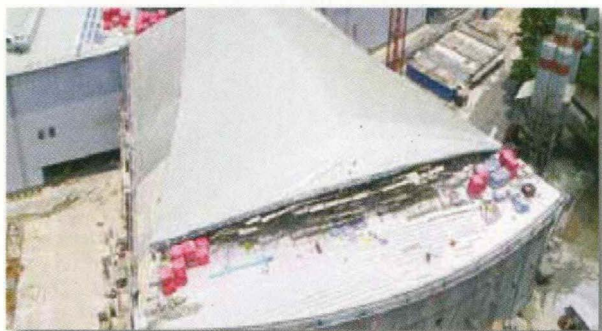
CREATE AND PROTECT®

ROCKWOOL®
洛科威® 岩棉

ROCKWOOL® 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) **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.

Technical Parameters

Product types	TR-S40	TR-S50	TR-S60	TR-S80	TR-SS100	TR-SS120	TR-SS140	Standards
Nominal density (kg/m³)	40	50	60	80	100	120	140	GB/T19686
Thermal conductivity 20°C λ values (W/mK)	0.036	0.034	0.034	0.034	0.034	0.034	0.034	ASTM C177/C518
Sound absorption [BS EN ISO 20354: 1993]	Please contact your local representative for more information							
Fire performance	Non-combustible / A1 Fire Classification							BS 476 Part 4/EN 13501-1 GB8624
Water vapour absorption	Absorb Less than 0.04 Vol %							ASTM C1104/C1104M
Water absorption (partial immersion)	Less than 0.5 kg/m²							EN 1609:97

Note: The information contained in this data sheet is believed to be correct at the date of publication. Rockwool does not accept any responsibility for the consequences of using TR-S in applications different from those described above.

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.



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