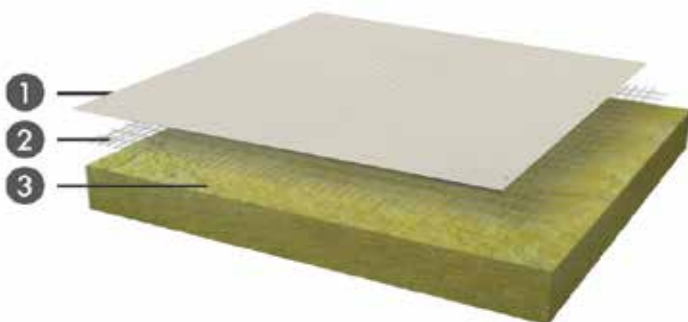


Marmox ThermoRock board is a high performance, reinforced insulation board made of mineral wool , core one or each side being faced with a waterproof cement polymer mortar (grey or white) reinforced with alkali-resistant fiberglass mesh. It is a perfect solution for thermal and fire insulation of facades, walls and suspended ceiling

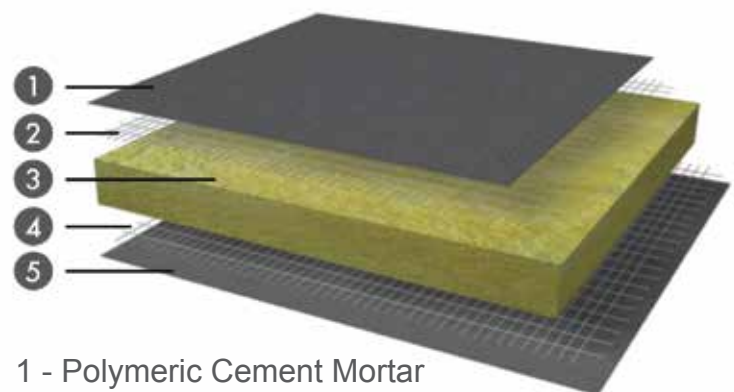


THERMOROCK BOARD SS (single side)



- 1 - Polymeric Cement Mortar
- 2 - Alkali-Resistant Glass Fibre Mesh
- 3 - Rockwool Density 120 kg/m³
(Higher densities upon request)

THERMOROCK BOARD DS (double side)

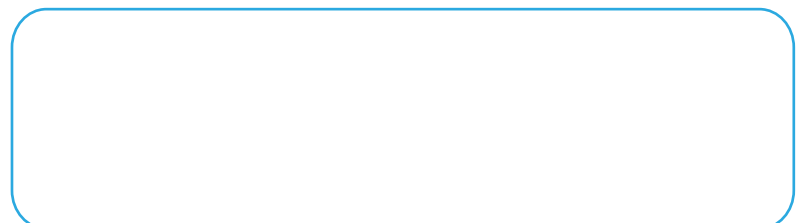


- 1 - Polymeric Cement Mortar
- 2 - Alkali-Resistant Glass Fibre Mesh
- 3 - Rockwool Density 120 kg/m³
(Higher densities upon request)
- 4 - Alkali-Resistant Glass Fibre Mesh
- 5 - Polymeric Cement Mortar

ThermoRock Board Dimensions & Weight

Product	Size mm	Thickness mm	Weight kg/m ²	
			SS	DS
ThermoRock 12.5 DS	1220/2440 x 600	12.5	-	7.5
ThermoRock 20 DS/SS	1220/2440 x 600	20	5.4	8.4
ThermoRock 30 DS/SS	1220/2440 x 600	30	6.6	9.6
ThermoRock 40 DS/SS	1220/2440 x 600	40	7.8	10.8
ThermoRock 50 DS/SS	1220/2440 x 600	50	9	12
ThermoRock 70 DS/SS	1220/2440 x 600	70	11.4	14.4
ThermoRock 80 DS/SS	1220/2440 x 600	80	12.6	15.6
ThermoRock 100 DS/SS	1220/2440 x 600	100	15	18

other dimensions upon request



Thermo Rock Board Technical Specst

Property	Standard / Norm	Result
Heat Conductivity Of Mineral Wool	DIN 52612	0.040 w/mk
Density Of Mineral Wool	—	120 kg/m ³ <i>other densities upon request</i>
Compressive Strength at 10%	DIN EN 826	150 KN/m ²
Temperature Range	—	-30°C – +250°C
Fire Rating	DIN 13501-1	A 2 <i>(non-flammable)</i>

Thermo Rock Board Dimensions & Weight

Product	Size mm	Thickness mm	Weight kg/m ²
Rock Board 20	1250/2500 x 600	20	8.4
Rock Board 30	1250/2500 x 600	30	9.6
Rock Board 40	1250/2500 x 600	40	10.8
Rock Board 50	1250/2500 x 600	50	12
Rock Board 70	1250/2500 x 600	70	14.4
Rock Board 80	1250/2500 x 600	80	15.6
Rock Board 100	1250/2500 x 600	100	18

other dimensions upon request

Stone wool TDS (Core of Mamrox ThermoRock Board)

Properties	Symbol	Unit	Tolerance	TS EN 13162	Standard
Material	MW				TS EN 13162
Density	d	kg/m ³	(+,-)% 10	120	TS EN 1602
Length	l	mm	(+,-) %2	1220	TS EN 822
Width	b	mm	(+,-) %1,5	600	TS EN 822
Determination of Squareness	Sb	mm	Max. 5mm	2 mm	TS EN 824
Determination of Flatness	Smax.	mm	Max. 3mm	1,8 mm	TS EN 825
Determination of Dimensional Stability	DS (T+)	mm	%	<1	TS EN 1604
Compressive Strength (%10 Deformation)	CS(10/Y)	kPa		≥35	TS EN 826
Determination of Tensile Strength Parallel to Faces	Σt	Kpa		≥7.5	TS EN 1607
Thickness	dN	mm	(- 3, +5)	50	TS EN 823
Declared Thermal Conductivity (10 °C)	λort	W/mK		max. 0,035	TS EN 12667
Reaction to fire				A1	TS EN 13501-1
Thermal Resistance	RD	m ² K/W		1.43	TS EN 13162
Max. Usage temperature		°C		760	
Melting Point		°C		>1000	DIN 4102
Water Vapor Diffusion Resistance Coefficient	μ		1	1	TS EN 12086
Short Term Water Absorption	WP	kg/m ²	<1	<1	TS EN 1609
Long Term Water Absorption	WIP	kg/m ²	<3	<3	TS EN 12087
Certificates	CE (SERT.NO:1020-CPD-010028090) ,ISO 9001,ISO 14001,ISO 18001,ISO 50001				