



"MEGABOARD" STONEWool TECHNICAL DECLARATION DATA SHEET

FORM NO: TBF.PH.03.08

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PRODUCT TYPE / USAGE AREA:

TERRACE ROOF BOARD



Features	Standard Impression	Declaration Symbol	Unit	Declaration Value					Tolerance	Ref.Standard
Material	MW	MW	-	Stonewool					-	TS EN 13162
Length	l	l	mm	1200					± % 2	TS EN 822
Width	b	b	mm	600					±%1,5	TS EN 822
Dimensional Stability	Δ&d	DS(70-)	%	max 1					-	TS EN 1604
Water Vapor Transmission	μ	MU	-	1					-	TS EN 12086
Non-combustibility Class / Reaction to Fire	RtF	-	-	A 1					-	TS EN 13501
Thickness	dn	dn	mm	40	50	60	80	100	-	TS EN 823
Thickness Class	-	Ti	mm	T4					-%3 veya -3 mm * +%5 veya +5mm *	
Thermal Conductivity Declaration Value (10 C)	-	λ _D	W/mK	max 0,039					-	TS EN 12939/12667
Thermal Resistance Declaration Value	-	R _D	m ² K/W	1,00	1,25	1,50	2,05	2,55	-	TS EN 13162
Planarity / Surface Smoothness	S _{max}	S _{max}	mm	S6 - max 6 mm					-	TS EN 825
Deviation from squareness	S _b	S _b	mm/m	S5 - max 5 mm/m					-	TS EN 824
Short-term water absorption	WS	W _p	kg/m ²	≤1					-	TS EN 1609
Long-term water absorption	WL(P)	W _{UP}	kg/m ²	≤3					-	TS EN 12087
Max. Usage Temperature	-	-	°C	+750					-	-
Compression Strength	σ ₁₀	CS(10/Y)j	kPa	min.40					-	TS EN 826
Tensile Strength Perpendicular to Surface	σ _{mt}	TRi	kPa	min. 10					-	TS EN 1607
Packing Material	-	-	-	PE Film					-	-
Facing	-	-	-	Unfaced					-	-