



"MEGABOARD" STONEWOOL TECHNICAL DECLARATION DATA SHEET

FORM NO: TBF.FH.03.10

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PRODUCT TYPE / USAGE AREA:

MEGABOARD STONEWOOL ETİCS BOARD 150 PLUS

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&eD	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	d _N	d _N	mm	40	50	60	70	80	100	120	-	TS EN 823	
Thickness Class	-	T _i	mm	T4									-%3 veya -3 mm * +%5 veya +5mm *
Thermal Conductivity Declaration Value (10 °C)	-	λ _D	W/mK	max 0,037								-	TS EN 12939/12667
Thermal Resistance Declaration Value	-	R _D	m ² K/W	1,05	1,35	1,60	1,85	2,15	2,70	3,20	-	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 _{LP}	kg/m ²	≤3								-	TS EN 12087
Max. Usage Temperature	-	-	°C	+750								-	-
Compression Strength	σ ₁₀	CS(10/Y)i	kPa	min.30		min.35		min.40				-	TS EN 826
Tensile Strength Perpendicular to Surface	σ _{mt}	TRi	kPa	min. 7,5								-	TS EN 1607
Packing Material	-	-	-	PE Film								-	-
Facing	-	-	-	Unfaced								-	-