



"MEGABOARD" STONEWOOL TECHNICAL DECLARATION DATA SHEET

FORM NO: TBF.PH.03.01

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PRODUCT TYPE / USAGE AREA:

MEGABOARD STONEWOOL EXTERNAL FACADE BOARD



Features	Standard	Declaration	Unit	Declaration Value								Tolerans	Ref.Standard
	Impression	Symbol											
	MW	MW	-	STONEWOOL								.	TS EN 13162
Density	ρ	-	kg/m ³	70-80-90								±% 10	TS EN 1602
Length	l	l	mm	1200								± % 2	TS EN 822
Width	b	b	mm	600								±%1,5	TS EN 822
Dimensional Stability	ΔC_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	d _N	d _N	mm	40	50	60	70	80	100	120	.	TS EN 823	
Thickness Class	-	Ti	mm	T4									-%3 or -3 mm * +%5 or +5mm *
Thermal Conductivity Declaration Value (10 °C)	-	λ_D	W/mK	max 0,035								.	TS EN 12939/12667
Thermal Resistance Declaration Value	-	R ₀	m ² K/W	1,10	1,40	1,70	2,00	2,25	2,85	3,40	.	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
Max. Usage Temperature	-	-	°C	+750								.	.
Compression Strength	σ_{10}	CS(10/Y)i	kPa	it is not used in applications requiring compression creep (NPD)								.	TS EN 826
Tensile Strength Perpendicular to Surface	σ_{nt}	TRi	kPa	NPD								.	TS EN 1607
Packing Material	-	-	-	PE Film								.	.
Facing	-	-	-	Faced /Unfaced								.	.