

PANEL BOARD



It is a stone wool board manufactured for thermal insulation, sound insulation and fire safety of sandwich panels.

Application

Since it is supplied to the firms producing sandwich roofs and facade panels, it is applied according to the details which the customer provides. It is possible to manufacture with different technical properties in different sizes regarding to the customer needs.

Thickness (mm)	Width x Length (mm)	Package (m ²)
75	1200 x 2000	67,20
80	1200 x 2000	60,00
85	1200 x 2000	67,20
100	1000 x 2000	52,80



- Fire safety
- Thermal insulation
- Sound insulation
- Available in different sizes



TECHNICAL DATA SHEET

İzocam Panel Board

Properties	Symbol	Unit	Description						Tolerance	Standard
Material	-	-	Stone Wool						-	TS EN 14303
Density	ρ	kg/m ³	90	95	100			+/-10%	-	
Width	w	mm	1000 - 1200						+/-1,5%	TS EN 822
Length	l	mm	2000						+/-2%	TS EN 822
Thickness	t	mm	78	100	100	78	84	85	T5 *	TS EN 823
Facing	-	-	Unfaced						-	-
Reaction to fire	-	-	A1						-	TS EN 13501-1
Thermal Conductivity (Average of measur.) (10 °C)	T	°C	50	100	150	200	250	300	-	TS EN 12667/12939 13787
	λ_D	W/m.K	0,039	0,048	0,059	0,072	0,087	0,103		
Max. Service Temperature	-	°C	650						-	TS EN 14706
Water Vapor Diffusion Resistance Coefficient **	μ	-	1						-	TS EN 12086
Compressive Strength(width side)	σ	kPa	≥ 50	≥ 60	≥ 75			-	TS EN 826	
Tensile Strength (width side)	σ	kPa	≥ 100						-	TS EN 1607
Short Term Water Absorption	W_p	kg/m ²	max. 1						-	TS EN 1609
Packaging Material	-	-	PE Capsule						-	-

* T5: -1% or -1 mm; +3 mm. The biggest value is chosen at minus tolerance, the smallest value is chosen at plus tolerance.

** Literature value.

Safety Reminders for Loading, Unloading, Shipping and Storing

- These operations should be done indoors if the weather is rainy.
- Products should be wrapped by a waterproof cover even if the shipping distance is short.
- Storing should be carried out by using pallets. Damaged or deformed pallets should not be used.
- Products should not be superposed with pallets.
- Products should not be stepped on and should not be used as steps.
- Before binding, hard cardboards (minimum 20 x 50 cm) should be put on the corners of packages to protect against possible damages by ropes.
- Storage area should be protected against any wet threats such as rain, float, etc. Indoor spaces should be preferred.
- Storage area should be flat and non-slippery.
- Loading and unloading should be done by forklift or overhead crane.
- The boards should be carried to the application site one at a time by two people with extra care.

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