

INDUSTRIAL BUILDING BOARD



Industrial building board is a glass wool board faced with black glass tissue on one side. It is utilized for thermal insulation, sound insulation and fire safety in facade cladding of industrial buildings.

Application

For facade applications, Industrial Building Boards are laid uniformly inside cassette systems so that black glass tissue is facing out. The application is completed by facade cladding. Applying acoustic band in front of the cassette system is recommended in order to prevent sound and thermal bridges where metal pieces come in contact to each other.

Thickness (cm)	Width x Length (cm)	Package (m ²)
5	60 x 120	8,64
8	60 x 120	5,76
10	60 x 120	4,32



- High thermal insulation
- Fire safety
- Sound insulation
- Easy to apply
- Lightweight



izocam Industrial Building Board

Properties	Symbol	Unit	Description			Tolerance	Standard
Material	-	-	Glass Wool			-	TS EN 13162
Density	ρ	kg/m³	20			+/-10%	-
Width	w	mm	600			+/-1,5%	TS EN 822
Length	l	mm	1200			+/-2%	TS EN 822
Thickness	t	mm	50	80	100	T3 **	TS EN 823
Facing	-	-	Black glass tissue			-	-
Reaction to fire	-	-	A1			-	TS EN 13501-1
Squareness	S _b	mm/m	max.5			-	TS EN 824
Flatness	S _{max}	mm	max.6			-	TS EN 825
Dimensional Stability	Δε _d	%	max.1			-	TS EN 1604
Declared Thermal Conductivity (10 °C)	λ _D	W/m.K	0,035			-	TS EN 12667/12939
Thermal Resistance	R _D	m².K/W	1,40	2,25	2,85	-	TS EN 13162
Short Term Water Absorption *	μ	-	1			-	TS EN 12086
Specific Heat *	c	kJ/(kg.K)	0,84			-	EN 12524
Dynamic Elasticity *	Edyn	kN/m²	0,8			-	DIN 52214
Packaging Material	-	-	PE Film			-	-
Other Information	Maximum service temperature on the side faced with glass tissue is 200 °C.						

* Literature value.

** T3: -3% or -%3 mm; +10% or 10 mm. The biggest value is chosen at minus tolerance, the smallest value is chosen at plus tolerance.

Safety Reminders for Loading, Unloading, Shipping and Storing

- These operations should be done indoors in case of rainy weather conditions.
- Loading and unloading should be done by (at least) two people.
- Products should be wrapped by a waterproof cover even if the shipping distance is short.
- Products should not be superposed with pallets.
- Products should not be put into upright position.
- Products should not be stepped on and should not be used as steps.
- Products should not be pulled by their package.
- Products should be in packages (10 each) and maximum 6 packages can be superposed.
- 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.
- The packages should be put on the floor with extra care so the corners of the product especially is not damaged by a hit.

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