

INDUSTRIAL BUILDING BOARD

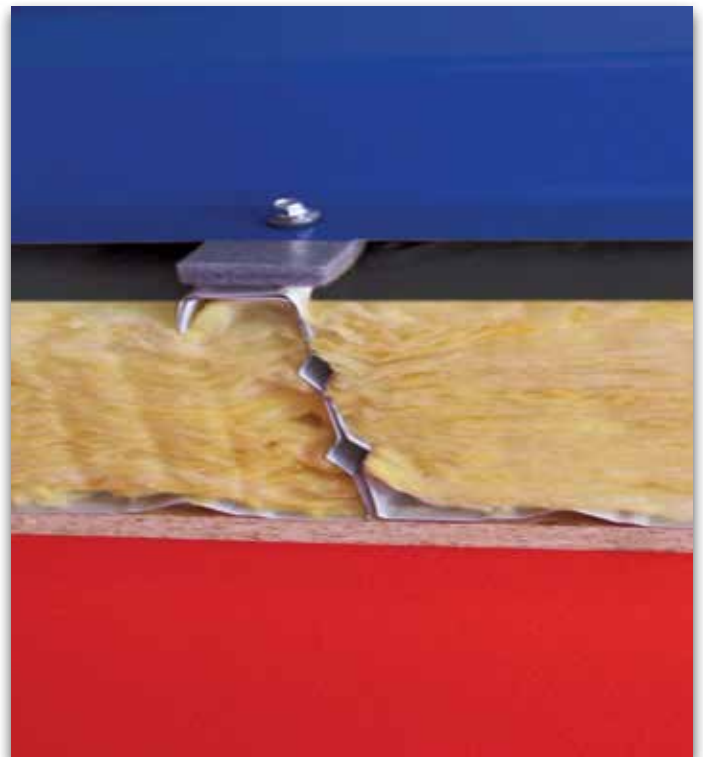


Industrial Building Board is a glass wool board faced with black glass tissue on one side. It is utilized for thermal insulation, sound insulation and fire safety in the roof cladding of industrial buildings.

Application

One layer of nylon cover is laid on corrugated metal roofing sheet as a vapour barrier. It is overlapped at the seams by 10 cm. and adhered to the surface. On top of vapour barrier layer, Industrial Building Board is placed. The application is completed by metal cladding. Applying acoustic band in front of the spacers is recommended in order to prevent sound and thermal bridges where metal pieces come in contact with 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



TECHNICAL DATA SHEET

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	W _p	kg/m²	max. 1			-	TS EN 1609
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 at glass tissue faced side is 200 °C.						

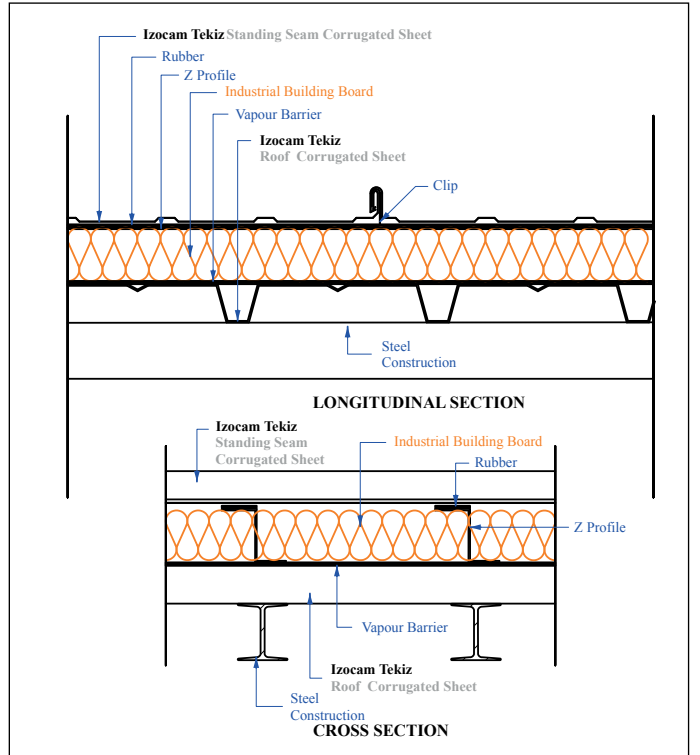
* Literature value.

** 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 if the weather is rainy.
- 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.

Izocam is not responsible for any problem because of misprinting. Izocam, the manufacturer, reserves the right to alter product specifications without prior notice. Izocam also manufactures special products upon request. For your requirements, you are requested to contact our Export Department.



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