

FOAMBOARD FRIGO



It is special extruded polystyrene board manufactured for thermal insulation of frigorific or dry cargo vehicles body.

Application

It is used inside of the vehicles body which are specially designed for heat sensitive products such as food, medicine, chemical etc. to secure thermal insulation. It is possible to manufacture with different technical properties in convenience with the customer needs.

Thickness (mm)	Width x Length (cm)	Package (m ²)	Package (m ³)
40	60 x 260	15,60	0,6240
50	60 x 260	12,48	0,6240
60	60 x 260	10,92	0,6552
80	60 x 260	7,80	0,6240



- High thermal insulation
- Available in different sizes
- Easy installation
- Water impermeable



TECHNICAL DATA SHEET

Izocam Foamboard Frigo

Properties	Symbol	Unit	Description				Tolerance	Standard
Material	-	-	Extruded Polystyrene				-	-
Edge Profile	-	-	Square				-	-
Surface Shape	-	-	Roughed and Grooved on both sides				-	-
Thickness	t	mm	40	50	60	80	± 0,5 mm	TS EN 823
Density	ρ	kg/m ³	min. 30	min. 28			-	-
Tensile Strength Perpendicular to Faces	σ_{mt}	kPa	min. 600				TR 600	TS EN 1607
Water Vapor Diffusion Resistance Coefficient	MU	-	100				MU100	TS EN 12086
Width	w	mm	600				± 8 mm	TS EN 822
Length	l	mm	2600				± 10 mm	TS EN 822
Reaction to fire	-	-	E				-	TS EN 13501-1
Thermal Resistance	R_D	m ² .K/W	1,10	1,40	1,70	2,25	-	TS EN 13164
Declared Thermal Conductivity (10 °C)	λ_D	W/m.K	0,035				-	TS EN 12667
Dimensional Stability Under Specified Thermal and Humidity Conditions	$\Delta\varepsilon_t, \Delta\varepsilon_b, \Delta\varepsilon_d$	%	max. 5 *				DS (70,90)	TS EN 1604
Dimensional Stability Under Specified Thermal and Compressive Load conditions	ε_t	%	max. 5 **				DLT (1)5 DLT (2)5	TS EN 1605
Long Term Water Absorption with Total Immersion	W_{lt}	%	max. 0,7				WL(T)0,7	TS EN 12087
Long Term Water Absorption with Diffusion	W_{dv}	%	max. 5				WD(V)5	TS EN 12088
Compressive Strength	σ_{10}	kPa	min. 300	min. 350			CS(10/Y)300	TS EN 826
Packaging Material	-	-	PE Film				-	-

* TS EN 13164 / Item 4.3.2

** TS EN 13164 / Item 4.3.3

Safety Reminders for Loading, Unloading, Shipping and Storing

- These operations should be done indoors if the weather is rainy.
- Products should be put on top of each other with extra care.
- Only backshutter of the truck body should be opened during unloading.
- Unloading should be carried out from backside to the front.
- Products should not be put into upright position during shipping and storing.
- Products should not be pulled by their package.
- Products should not be stepped on and should not be used as steps.
- Board packages should be put on the floor with extra care so the corners of the product especially is not damaged by a hit.
- Products can be stored with or without pallets by superposing the packages.
- Products should not be shipped with the materials containing organic solvents (thinner, paint, fuel oil, acetone, etc.).
- Combustible, flammable, hazardous materials should not be stored in storage area and there should be fire extinguishing equipment available.

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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