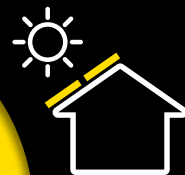


SOLAR BOARDS

35T - 40T



It is an unfaced stone wool board, manufactured in two different types as Solar 35T and Solar 40T which are certified by SPF for outgassing. It is used for the thermal insulation of solar collectors.

Application

Solar boards are used for the thermal insulation of solar collectors. If the case height is suitable, the product is placed between absorbing surface and the soffit insulation by leaving a 10 – 20 mm gap. In order to ventilate the collectors, 2-3 mm diameter holes should be drilled where rain water cannot reach. Otherwise, it may cause condensation of water vapor on window panes at nights and that may affect the efficiency of the collector. When Solar 35T and Solar 40T products are used no stain appears on the collector panes even if there is condensation.

Thickness (cm)	Width x Length (cm)	Package (m ²)
3	110 x 170	14,96
4	110 x 170	11,22
5	110 x 170	9,35
3	110 x 213	18,74
4	110 x 213	14,06
5	110 x 213	11,72



- High thermal insulation
- SPF certified
- Fire safety
- Easy to apply
- Available in different sizes



TECHNICAL DATA SHEET

İzocam Solar Boards 35T - 40T

Properties	Symbol	Unit	Description							Tolerance	Standard
Material	-	-	Stone Wool							-	TS EN 14303
Material Type	-	-	35T			40T				-	-
Density	ρ	kg/m ³	60			35				-0 / +%10	-
Width	w	mm	1100							+/-1,5%	TS EN 822
Length	l	mm	1700 - 2130							+/-2%	TS EN 822
Thickness	t	mm	30	40	50					T4 **	TS EN 823
Facing	-	-	Unfaced							-	-
Reaction to fire	-	-	A1							-	TS EN 13501-1
Declared Thermal Conductivity	60 kg/m ³ 35 kg/m ³	T	°C	50	100	150	200	250	300	-	TS EN 12667/12939 13787
		λ_D	W/m.K	0,041	0,051	0,065	0,082	0,101	0,124		
				0,055	0,073	0,098	0,123	-	-		
Max. Service Temperature	-	°C	600			350				-	TS EN 14706
Water Vapor Diffusion Resistance Coefficient *	μ	-	1							-	TS EN 12086
Packaging Material	-	-	PE Film							-	-
Other Information	SPF (Solartechnik Prüfung Forschung) certified product that pass the outgassing test for condensation of the inner glass surface.										

* Literature value.

** T4: -3% or -3 mm; +5% or +5 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 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 be wrapped by a waterproof cover even if the shipping distance is short.
- Products should be in packages (10 each) and maximum 6 packages can be superposed.
- Products should not be put into upright position during shipping and storing.
- Storing should be carried out by using pallets. But they should not superposed with pallets.
- Products should not be pulled by their package.
- Products should not be stepped on and should not be used as steps.
- 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.

