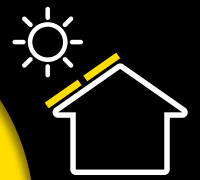


SOLAR BLANKETS

35C - 35C BLACK



It is an unfaced glass wool blanket, specially coloured and manufactured in two different types as Solar 35C and Solar 35C Black which are certified by SPF for outgassing. It is used for thermal insulation of solar collectors.

Application

Solar blankets 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 35C and Solar 35C Black 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 2130	23,43
4	110 x 2130	23,43
5	110 x 2130	23,43



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



TECHNICAL DATA SHEET

İzocam Solar Blankets 35C - 35C Black

Properties		Symbol	Unit	Description					Tolerance	Standard
Material		-	-	Glass Wool					-	TS EN 14303
Density		ρ	kg/m ³	24		18			+/-10%	-
Width		w	mm	1100					+/-1,5%	TS EN 822
Length		l	mm	21300					+/-2%	TS EN 822
Thickness		t	mm	40					T1 **	TS EN 823
Facing		-	-	Unfaced					-	-
Reaction to fire		-	-	A1					-	TS EN 13501-1
Declared Thermal Conductivity		T	°C	10	25	50	75	100	-	TS EN 12667/12939 13787
	24 kg/m ³	λ_D	W/m.K	0,034	0,036	0,041	0,044	0,048		
	18 kg/m ³			0,035	0,036	0,041	0,046	0,053		
Thermal Resistance		-	°C	250					-	-
Water Vapor Diffusion Resistance Coefficient *		μ	-	1					-	TS EN 12086
Specific Heat *		c	kJ/(kg.K)	0,84					-	EN 12524
Packaging Material		-	-	PE Film					-	-
Other Information		SPF (Solartechnik Prüfung Forschung) certified product that pass the outgassing test for condensation of the inner glass surface. 35 C Black is black painted product.								

* Literature value.

** T1: -5 mm or -5%. The biggest value is chosen at minus 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.
- The packages 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.
- The products should be wrapped by a waterproof cover even if the shipping distance is short.
- Products should not be put into upright position during shipping and storing.
- Storing should be carried out by using pallets. But the products should not be 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.

