



# U Solar Slab 3.5 V2

## Solar Frame Insulation

ULTIMATE product designed for insulation in thermal solar collectors. Suitable for flat single glazed ventilated collector, with standard or reflective glass, and working temperatures up to 220 °C. Can be used in combination with our ULTIMATE Easy Roll products for an optimized efficiency of the solar collector.



### Thermal insulation

Excellent thermal insulation.



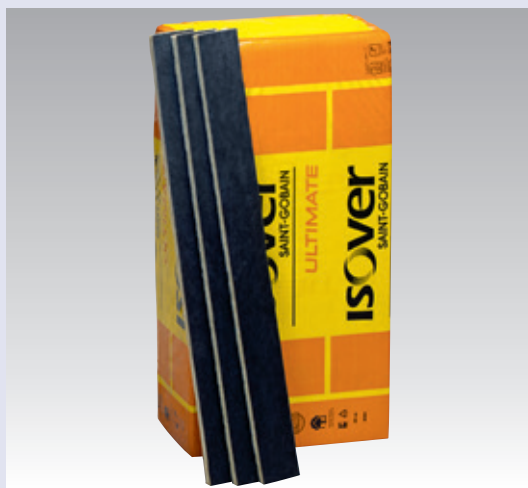
### Best light transmittance

ISOVER Solar products are specially designed to avoid any fogging deposit or any condensation on the glazing even with stagnant high temperature in the collector.

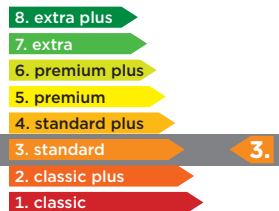


### Fast installation

Easy handling: user-friendly insulation with ISOVER Solar, excellent logistical efficiency.



### Thermal Efficiency Indicator



European Solar Thermal Industry Federation



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Characteristic	Symbol	Unit	Quantities and measured values	Standard
<b>Application Field</b>	-	-	Product suitable for flat single glazed ventilated collector, with standard or reflective glass, and working temperatures up to 220 °C	-
<b>Material</b>	-	-	Mineral wool with quality mark EUCEB & RAL by the Gütegemeinschaft Mineralwolle e. V., unrisky regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to guideline EU 97/69 Nota Q.	-
<b>Thermal conductivities</b>	T	[°C]	10      50      100      150      200      250	EN 12 667
	$\lambda_{N,P}$	[W/(m·K)]	0.031      0.037      0.045      0.055      0.066      0.079	
<b>Thermal behaviour</b>	-	-	Service temperature up to 220 °C with stable dimensions	AGI Q 132
<b>Fire behaviour</b>	-	-	Non-combustible, fire class A1	EN 13501
<b>Specific thermal capacity</b>	c	[kJ/(kg·K)]	- 1	-
<b>Water vapour transmission</b>	$\mu$	-	1	EN 12 086
<b>Chemical behaviour</b>	-	-	Free of sulfite, chromium and sulphur	-
<b>Facing</b>	-	-	The product can be faced on one side with a reinforced black glass tissue	-
<b>Characteristics</b>	-	-	Mineral wool without slugs	-
<b>Delivery form</b>	-	-	Dimensions (length, width) and thickness under request Only available as standard slabs Stripes available upon request Pallets must be stored inside	-

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[www.isover-technical-insulation.com/solar](http://www.isover-technical-insulation.com/solar)

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SAINT-GOBAIN