

Solar Insulation



Stone wool 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.



THERMAL INSULATION

Excellent thermal insulation combined with unique efficiency.



BEST LIGHT TRANSMITTANCE

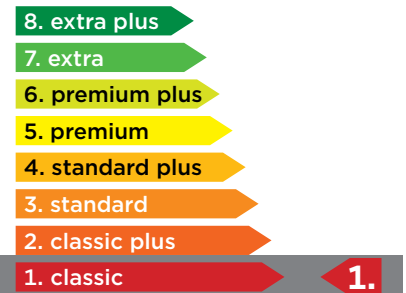
ISOVER Solar products are specially designed to avoid any fogging deposit or any condensation on the glazing even with stagnant high temperature in the collector.



MECHANICAL RESISTANCE

ISOVER Stone Wool products offer mechanical strength in compression and bending.

Thermal Efficiency Indicator





CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES					STANDARD
Thermal conductivities	T	[°C]	10	50	100	150	200	EN 12667
	$\lambda_{N,P}$	[W/(m·K)]	0.037	0.045	0.057	0.072	0.090	
Thermal behaviour	-	-	Service temperature up to 220 °C with stable dimensions					AGI Q 132

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES					STANDARD
Specific thermal capacity	c	kJ/(kg.K)	1.00					-
Reaction to fire	-	-	Non-combustible, fire class A1					EN 13501
Chemical behaviour	-	-	Free of sulfite, chromium and sulphur					-
Application field	-	-	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					-
Material	-	-	Mineral wool with quality mark EUCEB & RAL by the Gütegemeinschaft Mineralwolle e. V., unriskey regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to guideline EU 97/69 Nota Q					-
Characteristics	-	-	Mineral wool without slugs					-
Water vapour transmission	μ	-	1					EN 12086
Delivery form	-	-	Dimensions (length, width) and thickness under request Only available as standard slabs Stripes available upon request Pallets must be stored inside					-



www.isover-technical-insulation.com

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. Please verify whether our products are appropriate for the concrete application. For further information please contact our Isover sales offices. We deliver only according to our terms of trade and terms of delivery.

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