

Solar 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 250 °C.

Thermal Efficiency Indicator



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



IMPROVED LOGISTICS

High compression and up to 40 % more content per truck



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES						STANDARD
Thermal conductivities	T	[°C]	10	50	100	150	200	250	EN 12667
	λ_{NP}	[W/(m·K)]	0.037	0.046	0.060	0.076	0.096	0.120	

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 suitable for flat single glazed ventilated collector, with standard or reflective glass, and working temperatures up to 250 °C						-
Material	-	-	ISOVER mineral wools with quality marks EUCEB & RAL are free of any classification under the European Regulation (EC) n° 1272/2008 related to the classification, the labelling and the packaging of dangerous substances and under the German "Gefahrstoffverordnung"						-
Facing	-	-	Unfaced product						-
Fogging	-	-	Product tested in official SPF institute (Switzerland): v1/t1 obtained at 220 °C v1/t2 obtained at 250 °C no fogging and no condensate precipitation on the glass						-
Characteristics	-	-	Mineral wool without slugs						-
Water vapour transmission	μ	-	1						EN 12086
Delivery form	-	-	Dimensions (length, width) and thickness upon request Easy-roll concept: Packaging with multiple pre-cut slabs, rolled and compressed in a roll Easy handling: no cutting necessary, slabs with dimensions adjusted to request Also available as standard rolls or slabs Rolls and pallets must be stored inside						-



www.isover-technical-insulation.com

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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.

SAINT-GOBAIN ISOVER · Tour Saint-Gobain, 12 place de l'Iris · 92096 La Defense Cedex · France

