

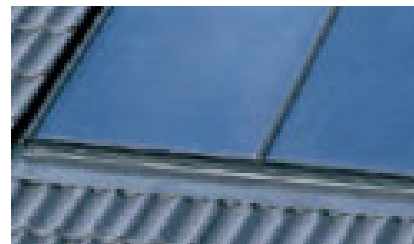


Eternit Solar Panels:

Eternit have created two innovations in sustainable living by developing their products to harness the sun's power to deliver both savings and environmental responsibility.

Photovoltaic panels

Photovoltaic panels can be perfectly integrated into your Eternit facade or your Eternit roof, thus providing you with this inexhaustible source of energy. Photovoltaic is the process of the direct conversion of solar energy into electrical current. Experts agree that photovoltaic has the most promising future of all the sources of renewable energy.



SolaMAX

This solar thermal collector is the perfect solution for those who wish to utilize the sun's natural energy. Your roofer installs the solar panels right along with your new Eternit roof, the technician then connects them. The entire roof is mounted in one working cycle. You save time, money and all the work afterward that would have resulted from the extra coordination of various tradesmen.

The Advantages:

- minimal installation time due to its prefabricated metal frame and connections
- high energy yields due to a Tinox absorber coating
- 10-year water tightness and operational guarantee
- Modules in 6, 8 and 10 m²
- potential national or community subsidies
- perfectly customized system
- guaranteed watertight, installed by a roofer - the entire roof comes from one source

The SolaMAX quick collector is lifted onto the roof in one piece, anchored and the ready-made metal frame is installed. The connections are situated in the center of the panel, which means it can be installed even at the very edge of the roof. Thanks to the connections being attached at the top, conduits can also be installed in the ridge/loft area.



	Type: 6,2m ²	Type: 8,2 M ²	Type: 10,2 m ²
Collector surface	6,2m ²	8,2m ²	10,2m ²
Absorber surface	5,71m ²	7,61m ²	9,2m ²
Number of panels	3	4	5
Width incl. roof-integrated frame	356 cm	461 cm	566 cm
Height incl. roof-integrated frame	250 cm	250 cm	250 cm
Thickness without mounting hook	10 cm	10 cm	10 cm
Weight	130 kg	170 kg	210 kg
Package dimensions	360 x 238 x 254 cm	465 x 238 25 cm	570 x 238 x 25 cm

Thermal and Hydraulic Specifications

Conversion factor*	$n_0 = 0,804$ $n_{0,05} = 0,612$
Heat loss coefficient*	$k_1 = 3,528$ [W/(m ² K)] $k_2 = 0,008$ [W/(m ² K ²)]
Stagnation temperature	>200° C
Recommended flow rate	V = 40 - 100 l/h pro m ²
Pressure loss in the collector	p [mbar] = $0,002 \times V^2 + 0,22 \times V$ [l/h]
Fluid Content	0,7 l/m ²
Max. operating pressure	6 bar
Connecting cable	Solder fitting Ø 22 mm, copper
Solar medium	We recommend a frost proof mixture of water and solar-suitable propylene glycol

* According to DIN 4757 testing at the ITW Stuttgart