

super **Slim** ultrathin



Superslim, the solar thermal ultrathin panel.

The solar thermal ultrathin panel Superslim by Costruzioni Solari is the outcome of thirty years of research into materials selection and building techniques and ensures high performance and long-lasting endurance. Thanks to emerging nanotechnology, we have created a panel that is 43 mm thick, which is less than half of all other panels currently sold on market. We have made significant strides in aesthetics and architectural integration with no loss in performance.



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Technical characteristics

Net surface / Aperture area	1.4 mq / 1.4 mq
Plate capacity	0.97 l
Panel size	1645x948x43 mm
Total weight	41 kg
η_0	0.779
a_1	3.8
a_2	0.002

Trasparent covering

Material	Extra clear tempered glass
Thickness	3.2 mm

Absorber

Material	Copper
Surface Treatment	Magnetron sputtering coating
Absorbance	90%
Emissivity	5%
Tested to	10 bar
Operating pressure	6 bar

Thermal insulation

Nanotechnology material

Inset plate and structural support

Zinc phosphate, galvanized plasma-coated inset plate standing up to the severest atmospheric corrosion.
