

**RIELLO** PRESENTS  
THE NEW RANGE OF  
SOLAR PANELS  
**RPS 20/4 A and RPS 25/4 A**

Two new product ranges featuring a highly durable structure thanks to the use of an innovative material (Colofast®) that can provide torsion resistance and perfect insulation of the panel against external atmospheric agents.

**MAIN FEATURES:**

Solar Keymark  
certification

SOLAR KEYMARK



A simple and clean design,  
thanks to a finish treated  
in detail



An easy panel to install  
thanks also to its low weight



Excellent  
efficiency performance



Wide availability of  
accessories for installing  
panels on flat and  
pitched roofs



**RIELLO**

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As the company is constantly engaged in the continuous improvement of its entire production, the aesthetic and dimensional features, technical data, equipment and accessories can be subject to variation.



RPS 20/4 A



RPS 25/4 A

code 27020058 rev.00 - EN - 05/2024



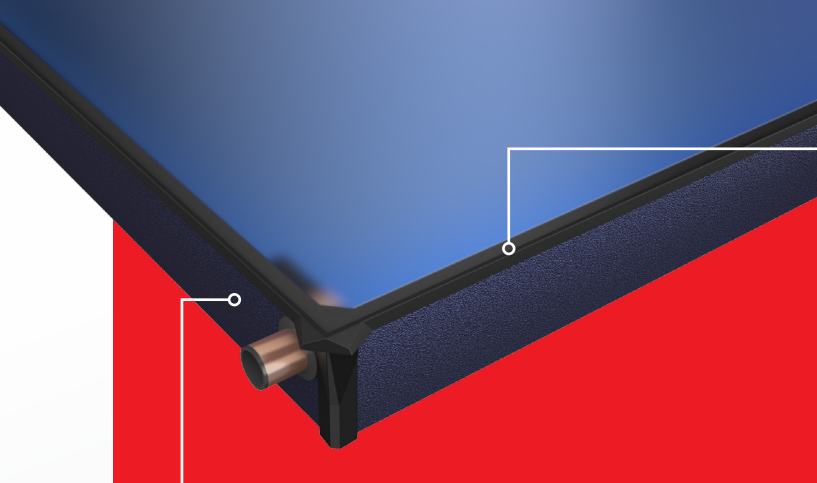
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**RIELLO**  
Energy For Life

DISCOVER  
THE NEW  
**RPS 20/4 A**  
**RPS 25/4 A**

Solar thermal: Solar collectors



## INNOVATIVE JUNCTION MATERIAL

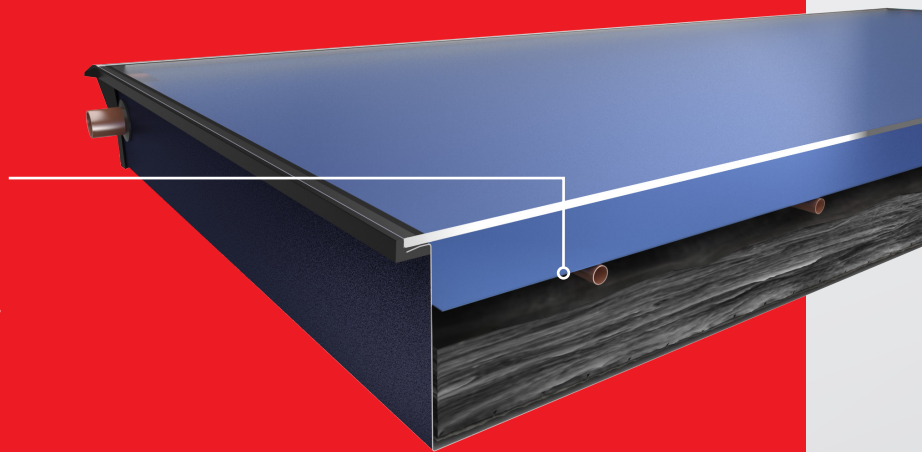
Thanks to the polymer material which it is composed of, the Colofast® allows to aggregate permanently the glass to the panel structure, ensuring resistance and waterproofing.

## EXTERNAL STEEL STRUCTURE

The structure of the solar collector consists of a single high quality steel piece. This conformation offers high strength, corrosion protection and the reduction of thermal dispersions.

## HIGHLY SELECTIVE ABSORBER

The absorber, made of highly selective aluminum and of a copper laser welded harp, gives to the solar collector excellent efficiency performance.



## TECHNICAL SPECIFICATIONS

		UoM	RPS 20/4 A	RPS 25/4 A
Dimensions	Length	cm	1625	2020
	Width	cm	1235	1235
	Depth	cm	85	85
	Weight	kg	29	35
	Total area	m <sup>2</sup>	2	2,5
	Exposed area	m <sup>2</sup>	1,91	2,39
	Type of absorber		Highly selective	
	Absorber material		Aluminum surface / copper harp	
	Efficiency at zero load	$\eta_0$	0,76	0,77
	First-order coefficient	a1 (W/m <sup>2</sup> K)	2,99	3,18
	Second-order coefficient	a2 (W/m <sup>2</sup> K)	0,027	0,021
	Incidence angle modifier	K $\theta$ 50°	0,91	0,91
	Panel structure material		Prepainted galvanized steel	