



# FK8001

## Mediterrano

### Frame collector

# FK8201

# FK8231

### PRODUCT BENEFITS

- High selective coated, laser-welded aluminium absorber with corrosion protection from sea air
- Intelligent ventilation concept prevents the ingress of windborne sand and dirt
- The innovative and lightweight geometry ensures ease of handling and allows the panels to be easily lifted and placed on to the roof
- The high quality and intelligent product design ensures unbeatable value for money
- The robot-controlled production line ensures the highest levels of precision during the production process
- Tempered solar safety glass
- Easy-to-install fastening system for all standard roof types
- The intelligent fastening concept with a groove/T-head bolt system ensures the shortest possible installation time

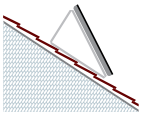


## FK8001 Mediterraneo Frame Collector

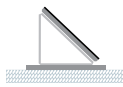
### FK8201 | FK8231

#### INSTALLATION OPTIONS

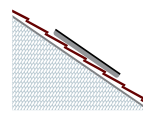
pitched-roof **20°**



flat-roof **45°**



pitched-roof, **parallel**

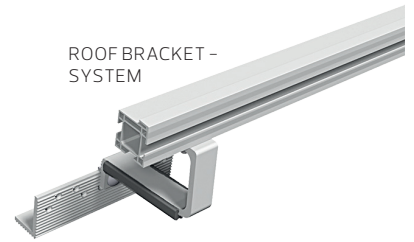


#### TECHNICAL DATA

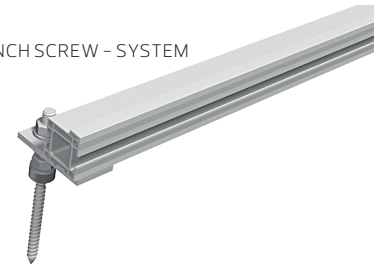
	FK8201	FK8231
Collector type	Roof-mounted collector	
Overall area [m <sup>2</sup> ]	2.02	2.34
Absorber area [m <sup>2</sup> ]	1.85	2.15
Aperture area [m <sup>2</sup> ]	1.92	2.23
L x W x H [mm]	1.730 x 1.170 x 73	2.000 x 1.170 x 73
Weight [kg]	28	32
Absorber capacity [l]	1.6	1.7
Housing	Al-frame	
Surface	Al, natural	
Back plate	Al-sheet	
Absorber	Al, high selective vacuum coating	
Absorption [%]	95	
Emission [%]	5	
Ø manifold [mm]	22	
Ø risers [mm]	8	
Connections	blank (compression joint)	
Glass	3.2 mm tempered solar safety glass	
Transmittance of glass [%]	89	
Insulation	30 mm mineral wool plate	
Max. stagnation temperature	197 °C under test conditions	
Max. operating pressure	10 bar	
Heat transfer medium	Polypropylene glycol / water mixture	
Approved installation angle	min. 15°, max. 75°	
Packaging	customer specific	

#### MOUNTING SYSTEMS

ROOF BRACKET - SYSTEM



BENCH SCREW - SYSTEM



FLAT ROOF - SYSTEM



GREENoneTEC 1  
SOLAR COLLECTORS

- The world's leading solar collector manufacturer
- 28.000 m<sup>2</sup> production facilities in Austria

- Over 250 mostly patented R&D projects
- Solar entrepreneur with 25 years experience in production
- 150.000 m<sup>2</sup> storage facilities
- Annual production capacity of 1,6 mio. m<sup>2</sup>
- Extensive product warranties