

SOLE S.A.



SOLAR COLLECTORS



**PROTECTING
OUR FUTURE**

Standard collectors

Glass	Tempered low iron certified solar glass 4 mm. 88.5% transmission
Frame Anodized	Aluminium profile epoxy powder coated and oven treated Free of screws and rivets. Sea Water resistant.
Frame Joints	Patented, pressed aluminium (No external screws or rivets) No Electrolysis between metals.
Absorbing Piping	Vertical rises 8 mm (outside diameter) copper. Horizontal headers 22 mm (outside diameter) copper.
Full Size Absorber	Laser welding/Ultrasonic welding
Selective; Absorbing Material/Fins	Copper sheet with blue super selective (Tinox) Titanium treatment with 0.20 thickness. a=95% e=5%+/-1
None selective	Aluminium with black paint
Insulation	40 mm rock-wool back 30 mm glass-wool side
Sealing	EPDM high temperature rubber (100% water resistant + vapour sealing)
Temperature Rating	250°C
Test Pressure	15 At
Working Pressure	10 At
Collector Mounting	Patented slot on aluminium profile
Collector Support (for 2 collectors)	Hot dipped galvanized after manufacture
Connection	22mmØ copper with brass compression fittings
Certifications and testing	TUV / ISO 9002/9806-2-3/9806-1/En12975-1-2/ DIN/CRES/INTA
Warranty 5 years	Life expectancy 20 Years
SOLE S.A. continuously updates products to improve performance and aesthetic look, variations in dimensions and design may change without notice.	

SINCE 1974 SOLE HAVE DEVELOPED THE TECHNOLOGY THAT OTHERS USE TODAY

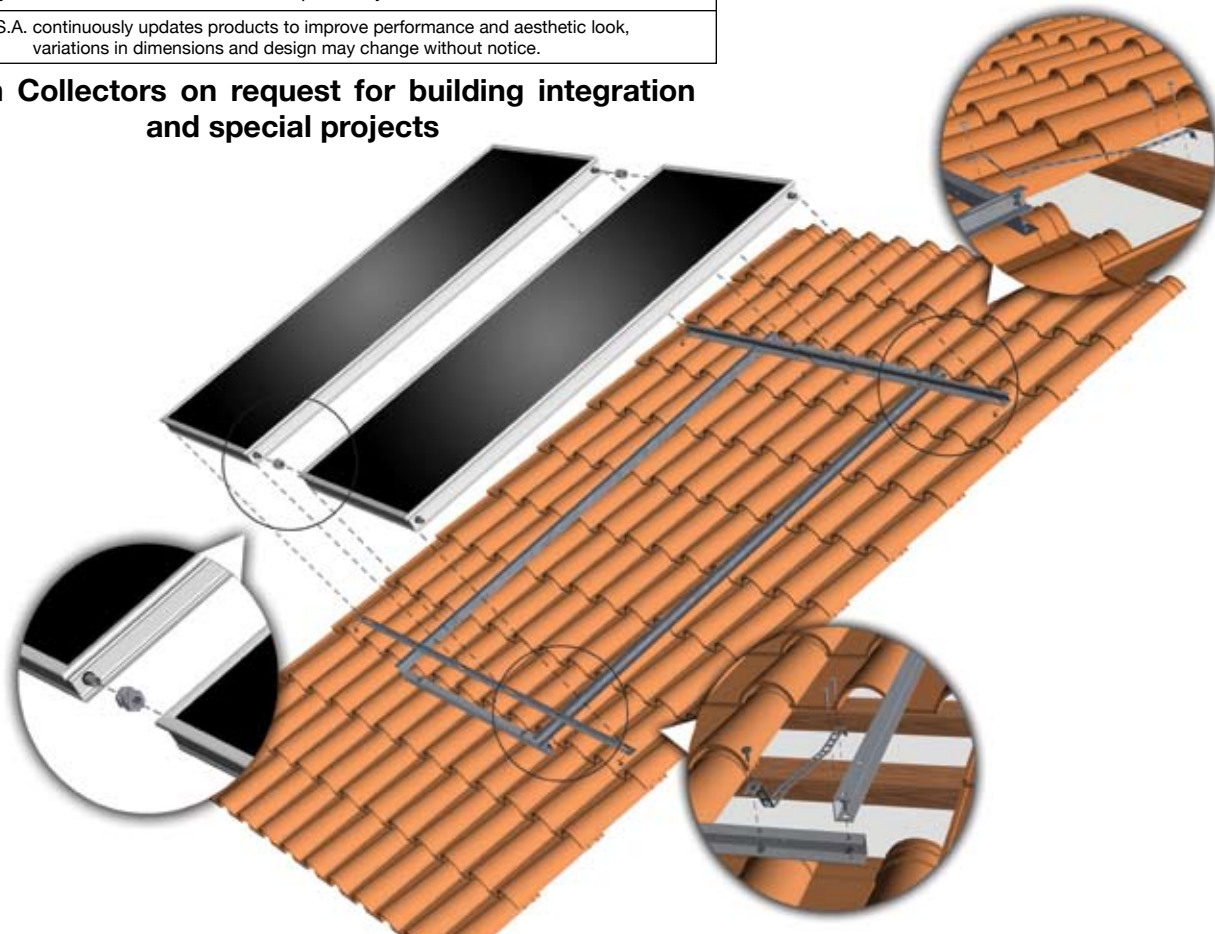
1.7m ²	LENGTH	WIDTH	HEIGHT	m ²
COLLECTOR	1750	1000	85	1.75
ABSORBER	1665	927	22.2	1.54
GLAZING	1725	975	4	1.68

2.0 m ²	LENGTH	WIDTH	HEIGHT	m ²
COLLECTOR	1970	970	85	1.91
ABSORBER	1885	897	22.2	1.69
GLAZING	1945	945	4	1.84

2.5 m ²	LENGTH	WIDTH	HEIGHT	m ²
COLLECTOR	1970	1175	85	2.31
ABSORBER	1885	1102	22.2	2.08
GLAZING	1945	1150	4	2.24

2.7m ²	LENGTH	WIDTH	HEIGHT	m ²
COLLECTOR	2145	1248	85	2.68
ABSORBER	2060	1175	22.2	2.42
GLAZING	2120	1223	4	2.59

Custom Collectors on request for building integration and special projects



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