



Solex solar panels are high quality traditional flat plate solar collector panels. They have Sunselect blue selective copper absorbers, ultrasonically welded 10mm riser pipes, prismatic solar glass, and aluminium profile casing and backing. Straight through 22mm diameter headers provide good flow rates, and enable easy fitting of multiple panels.

### Performance

The average annual output (south facing, 30°-50°) is 520kwh/m<sup>2</sup>/ annum when used to provide hot water, and in excess of this when used to provide lower temperature outputs e.g. for space and pool heating. Instantaneous output under full sun is up to 770w/m<sup>2</sup>.

**Panels are supplied by Solex in 2.0m<sup>2</sup>, 2.5m<sup>2</sup> and 2.9m<sup>2</sup> sizes.**

### Certification

The panels are manufactured in Europe and have been tested to EN12975 Parts 1 & 2 for solar collectors.

### Installation

The panels may be installed over tiles using our galvanised fixing kits designed to hold one or two panels, or by using our stainless steel solar mounting bolts. We also supply stainless steel straps for mounting panels over slates. Flat roof / ground mounting kits are available in a selection of sizes.

The panels have 22mm copper spurs on the long (2m) sides (4 per panel), which may be connected with standard compression couplings. Two or more panels may be fitted together in a row as required. As an option we can supply horizontally orientated panels, with the connections on the short sides. A 22mm compression thermostat pocket which fits to a top outlet is available separately.

Panels may be purchased individually, or as complete kits with all the system components required.

## Specifications

	Model	S 2.0	S 2.5	S 2.9
CASE	Dimensions	1005 x 2005 x 105mm	1255 x 2005 x 105mm	1455 x 2005 x 105mm
	Weight	36kg	46kg	53kg
	Case material	Extruded aluminium	Extruded aluminium	Extruded aluminium
	Glazing	4mm toughened glass	4mm toughened glass	4mm toughened glass
	Rear	0.5mm aluminium	0.5mm aluminium	0.5mm aluminium
	Insulation	40mm rockwool	40mm rockwool	40mm rockwool
	Seals	EPDM, Silicone	EPDM, Silicone	EPDM, Silicone
	Fixings	M8 bolts to captive sliding plates in horizontal profiles		
ABSORBER	Surface area	1.82m <sup>2</sup>	2.23m <sup>2</sup>	2.70m <sup>2</sup>
	Type	0.2mm copper	0.2mm copper	0.2mm copper
	Surface	Blue Sunselect	Blue Sunselect	Blue Sunselect
	Riser tube size	10dia x 0.5wall copper	10dia x 0.5wall copper	10dia x 0.5wall copper
	Number risers	9	10	12
	Header size	22mm copper	22mm copper	22mm copper
	Fluid volume	1.78 litres	2.12 litres	2.46 litres
TESTING		EN12975 Parts 1&2	EN12975 Parts 1&2	EN12975 Parts 1&2