

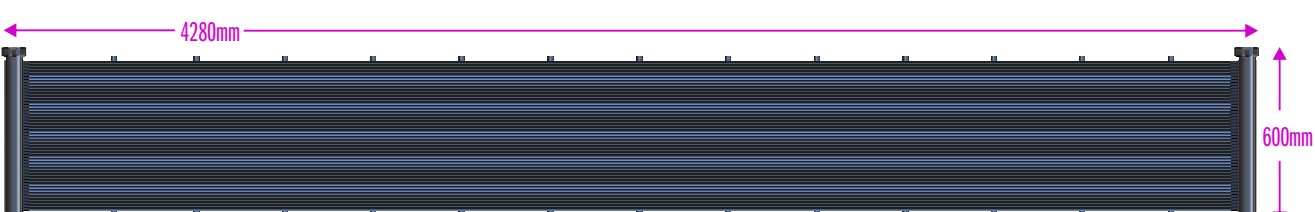
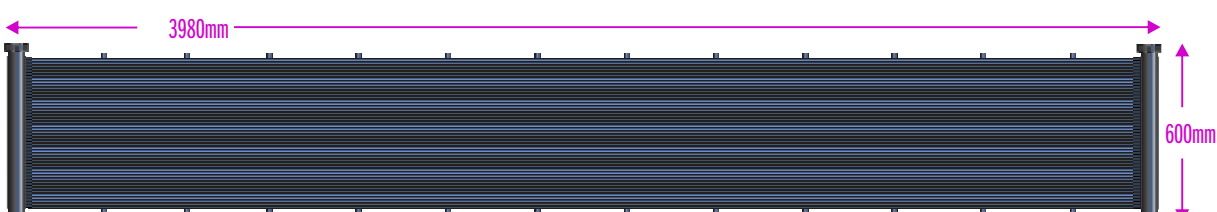
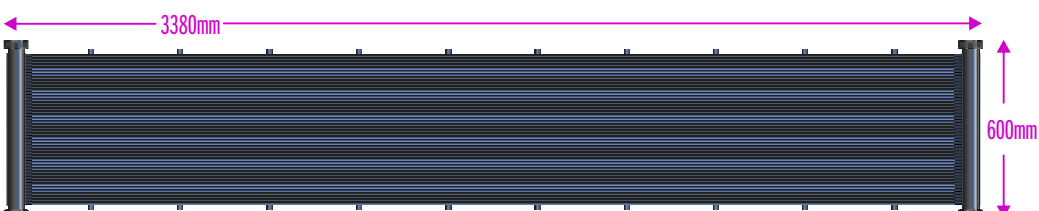
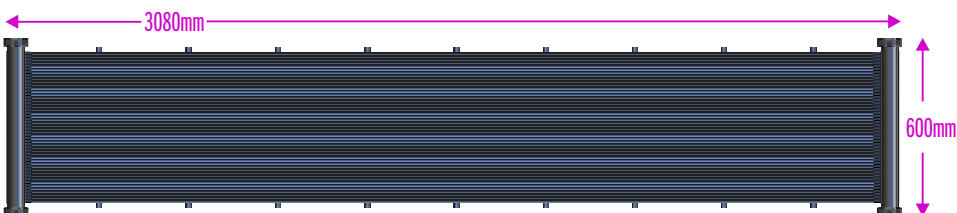
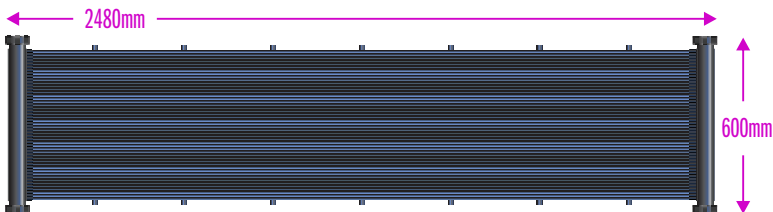
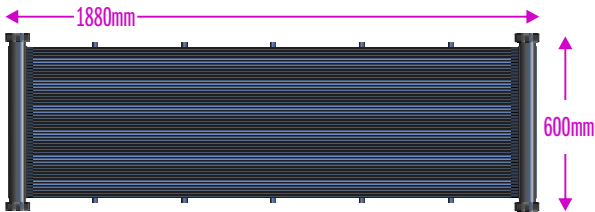
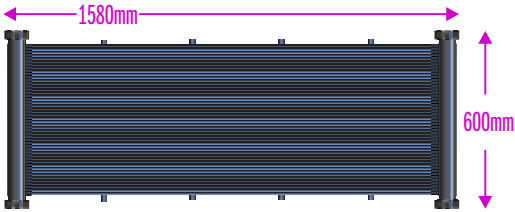
15
YEAR WARRANTY

15 YEAR WARRANTY ON SUNTUBE-2 COLLECTOR
BACKED BY THE MOST TRUSTED NAME IN SOLAR

SUNTUBE-2 PANEL DIMENSIONS.

All Suntube-2 panels come in standard 600mm widths
and can be ordered in 7 lengths.

PANEL LENGTH	/ Roof Space Occupied - M²
1580	0.95
1880	1.13
2480	1.49
3080	1.85
3380	2.03
3980	2.39
4280	2.57



SOLAR IS FREE ENERGY ... FOREVER!

SUNBATHER PTY LTD ABN 81 004 898 631

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suntube-2

IT'S THE NEW BENCHMARK IN SOLAR PANELS.

MADE IN
AUSTRALIA

SUNTUBE-2: THE ONLY RIGID SOLAR PANEL SYSTEM MADE IN AUSTRALIA, FOR AUSTRALIAN CONDITIONS.

Some installations require a rigid panel system. Usually, they are installations that are likely to be particularly harsh on the solar collector. In the past that meant an imported product had to be used.

These were perfectly adequate systems, but none were specifically designed for tough Australian conditions.

Now the new Sunbather Suntube-2 panel system has changed all that. A local manufacturer has created an Australian made panel rugged and durable enough for Australia's harsh climate.

SUNTUBE-2 IS DESIGNED TO BE TOUGH - SUPER TOUGH!

Australia is a world leader in solar pool heating but Australian climatic conditions also place huge demands on solar collector materials and pipework. That's why the Suntube-2 system has been made super tough.

In fact, Suntube-2 is easily the toughest solar system made anywhere in the world.

Every component in the system has been redesigned for greater strength and durability. New technologies have been developed for every connection to eliminate any potential points of weakness.

IT STARTS WITH SUPER TOUGH TUBE CONNECTIONS THAT ARE SECURED THEN TOTALLY ENCASED AND SHIELDED.

Connecting each solar collector tube to the header pipe is usually done with just a simple insert plugged straight into a length of standard pipe, but with Suntube-2 nothing is standard. Everything is built super tough.

Even the header pipe is reinforced on both sides to create a flat surface.

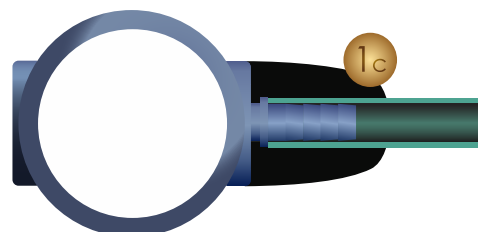
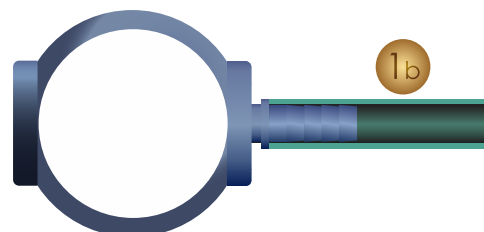
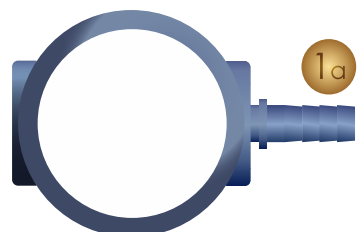
A row of barbs is moulded into that flat surface **1a** so that connection cannot leak.

Each tube **1b** is pushed firmly on to its barb.

An injection moulded sheath **1c** then totally covers and encases all those tube connections at the top and the bottom of the panel to make doubly sure that they can never leak.

The end result is a super tough junction that is at least three times more secure than an insert.

Each fully assembled panel is then pressure tested to a level that would make any other panel fail before being delivered to site.



THE COLLECTOR TUBES ARE LARGER AND THICKER.

Up on the roof, solar collector tubes are not just exposed to the elements. They can also be damaged by fallen branches, bird attack and even small gnawing rodents.

Tubes have to be tough, **2** and none are thicker, stronger or tougher than those designed for Suntube-2.

PIPEWORK CONNECTIONS ARE TRIPLE SEALED ... AND CAM-LOCKED.

Among the most crucial components in any solar system are the pipework connections. They must contend with enormous pressure and yet, most are either screwed, glued or clamped together by nuts and bolts.

Now Suntube-2 introduces state-of-the-art connection technology to solar panels.

Each junction has not one but THREE **4a** individual water seals to ensure there is no chance of leakage.

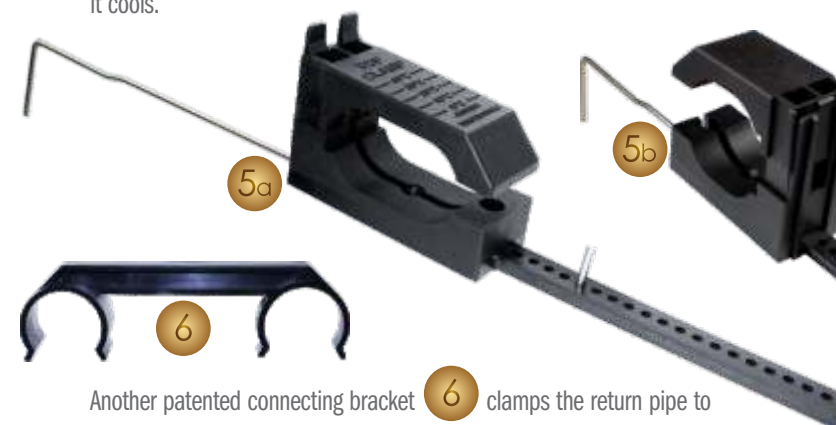
And all those important junctions are now cam-locked. **4b** Using the tool provided, just one-eighth of a turn is enough to tighten and lock a perfect seal in place every time.

NO PENETRATION ON TILED ROOFS .

Drilling into a tiled roof is one thing every solar installer wants to avoid. Not only is it difficult, there's also a risk of leaks. Thankfully, Suntube-2's patented roof clamps remove the need to penetrate a tiled roof.

Located at the top **5a** and bottom **5b** of each panel, these clamps have a long rod that slides under the tile to attach directly to the batten without penetrating the tiles.

The top clamp even has an expansion chart and a widened slot so the panel is held firmly in place while it expands as it heats and contracts as it cools.



Another patented connecting bracket **6** clamps the return pipe to the header pipe. Normally that section of return pipe would have saddles that penetrate the tiles but the bracket holds it firmly in place without the need for saddles.

