

Solar Water Heating with Solex Roofing

A typical domestic Solex Roofing system consists of 6m² to 12m² of solar roofing. The output of an 8m² system is around 3,350kWh/year – over a full year up to 70% of your hot water will have been generated by the sun.

Properly sized domestic systems generally require 2m² of solar roof per person, and water storage of around 25-50 litres per m² of roof.

Solex Roofing will integrate with all commonly used heating systems, and cylinders may be vented or pressurised to suit.



17m² for water heating



Hotel - 32m² for water pre-heating

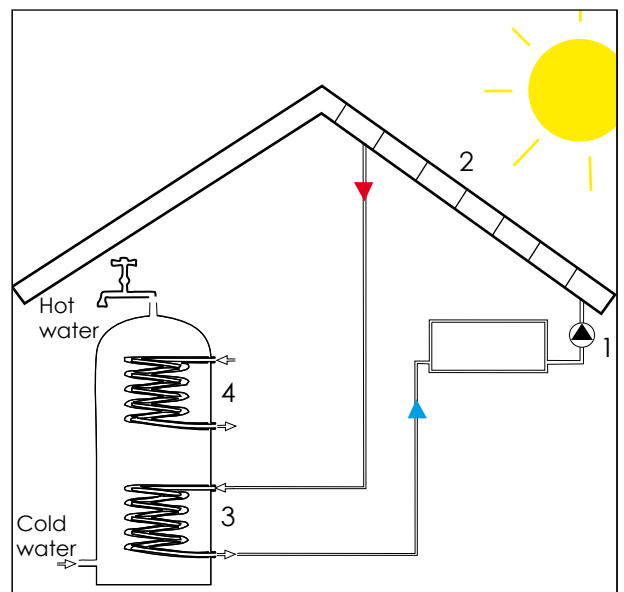
Combi boilers work efficiently with solar heating by utilising a new solar cylinder to pre-heat the water before it reaches the boiler.



How does it work?

You will probably need a new twin coil hot water cylinder that takes solar heated water, replacing the old one.

1. Solar pump - circulates fluid from a holding tank through the solar roof
2. Solar roof - heats the circulating fluid
3. Bottom part of cylinder - the heated fluid transfers its heat to the incoming cold water
4. Boiler - tops up the water temperature if necessary



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