



## Solar Thermal Panels

### Details Required

#### **Roof plan**

A plan of the roof where the panels are to be installed will help us to understand how much space there is for the panels. We do not install solar thermal panels on existing properties unless it is a major renovation and there is scaffolding in place for roof work.

#### **Address of your project**

The location of your project allows us to ascertain the roof's orientation from South. If new build, your plans should show a compass point, which is helpful.

#### **Type of heat source you intend to use**

Whether you're using a boiler or a heat pump to supply your heating and hot water, we need to know so that we can supply the correct DHW cylinder with a 'solar coil'. A heat pump will need a larger coil than a boiler due to the low temperature water produced by the heat pump.

#### **DHW cylinder**

It is necessary to have a cupboard, plant area, or utility room where your DHW cylinder can be located. Showing this on the plan helps us to ascertain the route of the pipes from the solar thermal panels to the cylinder.

If an existing property, you will need to change your hot water cylinder to one that includes a solar coil.

#### **General**

- Your name, current postal address, and telephone number.
- Planning application number, if possible.

### Comparing Quotes

#### **MCS registration**

We are not MCS accredited for solar thermal panels.

If you are in an existing property and would like to apply for an interest free loan, use the Energy Saving Trust's [Renewables Installer Finder](#) to check that the installation company you are considering is MCS accredited in their own right for the installation of solar thermal panels. (They may be MCS accredited in their own right for other technologies, but not solar thermal panels.) The MCS report the other company sends with their estimate may show the solar panels manufacturer's name, but this does not necessarily mean that your installer is, themselves, MCS accredited.

#### **Total aperture area of panels**

Solar thermal panels are one of the simplest technologies to install, and they vary in size. The only way to compare is by aperture area, which is the solar collecting area of the panel/s.

[Check the total aperture area specified by the other company.](#)

#### **Cylinder size**

Getting your water heated by the sun for free is a good feeling, but don't be tempted to oversize your hot water cylinder. We will specify a DHW cylinder appropriate for the size of your property, with just a little extra.

[Check the size of cylinder specified by the company.](#)