



Solar Roof™



What is Solar Roof™ ?

Traditionally, Solar systems involve installing glass panels which are mounted in a metal frame and then attached to the roof of a building via a bracket system and utilise the sun for water and home heating. However, for some time it has been a concern for the roofing industry in that these solar system panels are mounted just above the roof envelope where dust and grime accumulates. It is an industry and warranty requirement that in order to ensure longevity of the roof material, regular rain washing to remove surface deposits from the roof is required and depending on the installation technique, solar panels can certainly inhibit this process resulting in corrosion and degradation of the surface finish. Coupled with this, whilst solar panel installers do endeavour to install these type of panels correctly and without damaging the roofing system, unfortunately whenever you penetrate the roofing materials you increase the possibility of water leakage and secondly, if incompatible fasteners are used during the installation process then degradation of the roofing material can also occur.

Roofing Industries innovative Solar Roof™ product on the other hand is an entirely different system whereby Photo-Voltaic laminate (PVL) film is applied directly to the surface of the roof material and generating electricity via the power of the sun which is then used to provide that electric power for the home or building.

Rather than only generate the majority of energy in the heat the day, Solar Roof™ generates electricity more uniformly over the entire day. Excess electricity can either be sold back to the national grid via your provider or stored in batteries for later use, ensuring (unlike traditional systems), generation is not wasted

The PVL laminate can be applied to a range of Roofing Industries roofing profiles to meet specific design criteria and without unsightly roof panels, Solar Roof™ ensures your project remains aesthetically pleasing.

Technology using PVL films (and other products) within the roofing industry is continually evolving and it is certainly possible to future-proof your new roof project so that solar PVL films can be applied at a later date.

Solar Roof™ is available using a number of metal substrates and attractive prepainted surface finishes

For further information. **[Ask Us](#)**