



Solar Hot Water Sunstation®

Low Carbon Building Products™



solarcentury

Solar Hot Water Sunstation®

Application:

Solar Hot Water **Sunstations** use solar energy to heat water for washing, bathing and heating. Available in two different formats, the 'Solar thermal' **Sunstation** can be fitted to sloping roofs or mounted on flat roofs using a specially designed framing system.

The sloping roof system can be integrated into the roof, or retrofitted over conventional tiles. The integrated solution utilises a wooden backing to minimize embodied energy and improve recyclability.

An electronic controller constantly compares the temperature of the water within the **Sunstation** with that of the domestic hot water cylinder. When the **Sunstation** is hotter than the cylinder, the controller switches on the system's pump. A mixture of anti freeze and water is circulated through the cylinder's heat exchanger, heating the cylinder in just the same way as a regular boiler but without burning fossil fuels.

Solar Hot Water **Sunstations** provide hot water all year round



Features:

- High efficiency - a specially coated copper collector plate maximises the energy absorbed
- Versatility - water resistant internal wooden frame or metal mounting systems available
- Thermal protection - mineral wool thermal insulation
- High quality - special solar glass with minimal iron content
- Lasting finishes - powder coated aluminium cover profiles
- Discrete - matt black collector plate and frame

Solar Hot Water **Sunstations** are easily mounted on flat roofs



For more information, call **solarcentury**
T+44 (0)20 7803 0100

www.solarcentury.com