



solarcentury

C21e : Solar electric roof tile (Black)



C21e is a unique, roof integrated, solar electric tile using the most efficient solar cells in the world.

This particular solar application works best for new builds or when a homeowner is re-roofing, because each photovoltaic tile replaces four conventional roof tiles and is attached straight to the roof battens.

C21e has many benefits over conventional bolt-on solar panel systems and has won a host of industry awards.

Find out more about [C21e for housing developers](#) , [C21e for new home buyers](#), [C21e for Self Builders](#) and [installing C21e](#) or fill in the solar homes [application form](#).

C21e - Key Features

- **No extra planning** - no need to alter roof lines, colour or pitch. C21e tiles sit flush with conventional roof tiles.
- **Standard installation** - tiles fit with conventional roofing practice without the need to adjust battens. One solar tile takes the place of four standard tiles.
- **No specialist skills** - all roofing work is carried out by the roofing contractor allowing electrical and plumbing work to follow build programme.
- **Fast to fit** - tiles are integrated in exactly the same way as conventional interlocking tiles.
- **High power output** - 52Wp per tile, less than 8 square metres per kWp (kilowatt peak).
- **Discreet 'SunPower' PV laminate** - blends superbly with regular roof tiles offering an unrivalled aesthetic.
- **Back mounted contact strips** - increase effective collector area and reduce surface glare, typical with standard solar cell technology.
- **Integrated 'thru-flow' ventilation** - enhances PV performance.
- **Power output** - guaranteed for 20 years from date of commissioning.
- **No electrical work required on roof** - avoiding delays to the build programme.
- **Tiles arrive on site as complete units** - avoiding the need for on-roof assembly.



To view our C21e installation video, please hit the 'play' button below:



Manufacturer	Solarcentury
Country of Origin	Assembled in the UK
Rating (W)	52
Height (mm)	420
Width (mm)	1220
Weight (Kg)	8