

Ordering a system

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Selecting the right system for your project depends on three things:

- The type of tiles or slates you will be using around the C21e tiles/slates
- The size of un-shaded roof area available (length and width)
- And the amount of energy required; larger systems will make more electricity

C21e is compatible with several types of tiles and slates, and should only be installed with one of the following:

Roof Tile Compatibility	
Cemex (Russell)	Grampian, Highland
CRH/Northstone (Scott)	Slemish Mk 2
Lafarge (Redland)	Mini Stonewold
Lagan	Flat Tile
Marley (Eternit)	Modern, Duo Modern
Quinn	Western slate
Sandtoft	Calderdale, Calderdale Dual



Roof Slate Compatibility	
Natural Slate:	600x300
Reconstituted Slate	600x300
Fibre Cement Slate	600x300
Marley (Eternit)	Birkdale, Garsdale (600x300), Rivendale, Thrutone (600x300)
(A much wider range of compatible slates is due for launch in Autumn 2008).	



C21e slates require a slightly larger roof area than C21e tiles.

Use the following table to work out which size of system will fit the roof and how much energy it will generate. Select the appropriate Product Code to order your system:

			C21e Tile format	C21t Slate format				
System Size	Electricity per year (kWh)*	CO2 Offset per year**	Min Roof Length** *	Min Roof Width****	Product Code	Min Roof Length** *	Min Roof Width****	Product Code
18	777	441kg	3.6m	3.1m	10215-02	3.8m	3.9m	10771-02
24	1036	588kg	3.3m	4.3m	10215-03	3.5m	5.1m	10771-03
36	1554	883kg	3.6m	5.5m	10215-04	3.8m	6.3m	10771-04
48	2072	1177kg	4.6m	5.5m	10215-05	4.7m	6.3m	10771-05
60	2590	1471kg	4.0m	7.8m	10215-06	4.1m	8.8m	10771-06
72	3108	1765kg	4.6m	7.8m	10215-07	4.7m	8.8m	10771-07



* For a south-facing roof, generating 830 kWh per kWp

** Using SAP calculation method for grid displaced electricity - 0.568kg per kilowatt hour

*** Measured Eaves to Ridge

**** Measured Verge to Verge

To order your system please contact us on: 020 7803 0258 or email

roofing@solarcentury.com

The systems can be delivered straight to site anywhere in the UK and contain all the components and instructions for a complete installation split into two packs. The roofer's pack contains the solar electric tiles and other elements for the on-roof work. The electrician's pack contains the inverter, cables and other components to complete the internal works.

Definitions

kWh: kilowatt hours: (the same as 'units' of electricity on your bill) energy generated by the system

kWp: kilowatt peak: The 'peak' power rating of the system under standard test conditions

CO2 offset: Amount of carbon dioxide emissions avoided through on-site generation

No relation