

SolarInnovate Energy Solutions

Self-built house solar tiles

215kWh

8,000+ Cycles Lifetime

IP54 Protection Degree



Overview

Will a new solar system revert to a tiled roof?

As our new setup requires fewer panels to get the same level of performance, we'll be able to revert to a tiled finish for more of the roof. More and more UK householders are switching on to the benefits of solar with storage.

What roof finishes do self builders use?

There's a whole host of options for finishing roofs, from tiles and slates through to the likes of zinc, green roofs, thatch and more. Many self builders go for a straightforward roof finish in a single colour to achieve a clean, modern aesthetic.

What colour roof do self builders use?

Many self builders go for a straightforward roof finish in a single colour to achieve a clean, modern aesthetic. For instance, along Grand Designs: The Street (which backs onto our Graven Hill plot), many of the houses feature grey-hued metal or tiled roofs. They look great, but we wanted to bring a little more warmth to our build.

Which solar panels are best for your home?

High-spec glass-glass PV panels from German manufacturer Solarwatt to generate power during the day. Solarwatt's MyReserve smart solar battery to store energy for use at any time. The intelligent, award-winning Primo inverter from Fronius, which covers the power from the panels to electricity suitable for use in the home.

What sanded tiles do you use for a barn-style home?

Dana Patrick-Smith from Dreadnought suggested a mix of country brown, brown heather and red sanded tiles. The same blend was recently used to spectacular effect on a contemporary barn-style home. But I was a little dubious at first: after all, our project is anything but barn-like!

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The design and construction of an efficient modular zero-energy solar

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