

5kWp Imerys PVt tiles New Build Care Home

Lincoln

Objective

The local authority's Adult Welfare Department were expanding the facilities at the existing site and required their new facility to generate 10% of its energy from renewable sources. The Imerys PVt integrated PV roof tile was selected for its discreet visual impact.

Solution

South Facing was supplied and the roofing contractor installed the system under supervision

System details

The PV system consists of 92 Imerys PVt tiles on 22° pitch roof.

Modules-

2x strings of 46 Imerys PVt tiles (55watts each)

Inverters - 2x Sunny Boy 2500

Total System Output **5.06kWp**

Result

The system blends seamlessly into the roof line and provide an annual CO2 saving of more than 2.5tonnes.



South-facing
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