

REFERENCE HEAT PUMP

New build Detached homes

Gower, coastal



Object description

- ❑ Object type: Detached homes
- ❑ Project type: New build
- ❑ Year of construction: 2015
- ❑ Residential area: 381

Installed appliances

WPL 25 AS

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Architect

J.A. Rewbridge Development Services
101B Newton Road, Mumbles, Swansea
SA3 4BN Mumbles

Installer

Energywise-Wales Ltd
The Haven, Sandy Lane, Parkmill, Swansea
SA3 2EW

Other information

This modern new build home located in a prime coastal location on the Gower Peninsula, came with a brief for an air source heat pump, underfloor heating, solar pv and solar thermal. At Energywise-Wales we provide a whole house energy efficiency solution and worked with the client, architects, structural engineers and the building team to deliver a quality installation. The Stiebel Eltron WPL25 was an ideal solution, especially as the outdoor unit is built to withstand coastal salt mists. The plant room housed a Stiebel 200ltr buffer vessel and 400ltr domestic hot water cylinder which was connected to the solar thermal system and the low electrical demands of the property were supported with a solar pv array.