

# Case Study: Penalta House



## New Way Of Working For Caerphilly

Reynaers Aluminium curtain walling system and windows and door systems are used on Penallta House. Prestigious in design, the architects on the project, Powell Dobson Architects, created a highly functional building that incorporates an impressive curtain walling frontage along with a central atrium that generates significant amounts of natural light within the building.

The construction meets the highest environmental standards incorporating a 'ground heat source facility' providing an environmentally friendly way of heating and cooling the building, reducing the council's carbon footprint and leading to significant energy cost savings.

Installation of the Reynaers CW50 curtain wall system throughout the back and sides of the building, along with the windows and doors which utilised Reynaers CS68 thermally improved, three-chamber system was specified by the architects.

Manufacture and installation was carried out by Glamalco.

### Project Information:

**Architect:**  
Powell Dobson Architects

**Main Contractor:**  
HBG Construction

**Fabricator:** Glamalco

**Location:** Caerphilly

**Reynaers Systems:**  
CS68 Windows  
CW50 Curtain Walling

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