

**Project:** Warrenview manor (Muff sheltered accommodation)

**Location:** Muff, Co Donegal, Ireland.



**Area:** 2,108m<sup>2</sup> on two floors.

**System:**

- EuroFast floor heating.
- EuroSmart intelligent heating controls.
- (2 No. Oil fired boilers by consultant)

**The Brief:**

To develop a system using underfloor heating which is easy to use and fast to respond with no overheating or cold areas due to in built design balance. The system to be operated by oil boilers initially with the ability to adapt to Geothermal or Airthermal at a later date.

**How we did it**

Following consultation with Harry Toner Consultants we designed a EuroFast floor heating system consisting of 132 heating zones with independent weekly time and temperature control of the system allowing the occupier in each kitchen/living-bedroom unit to regulate the temperature in each room while the building supervisor controlled the timeframes and limits via the EuroSmart control system. The exterior plant room mechanical devices are also controlled by EuroSmart including hot water production, boiler sequencing and weather compensation.

**Installation**

Installation of EuroFast floor heating and EuroSmart controls by DaiGon Ltd. Installation of Plant room oil boiler system by James Likely Ltd.