

REFERENCE

Kiltarnan School House, Dublin

Application Field

- Mould restoration

Structure Type

- Single/two family homes

Brief Description

The Listed 19th Century School house was renovated and extended to create a new energy efficient residential family home. The existing building was sympathetically upgraded to modern comfort standards.

The renovation was followed on RTEs "Room to Improve" house renovation show with Architect Dermot Bannon.

Main Problem and Requirements

So that the exterior facade of the property was not altered in any way, internal insulation was installed to the interior of the stone walls to the original house.

Due to the build up of condensation behind conventional insulation when applied to single leaf construction, it became apparent that a "breathable insulation system" would be required.. Remmers IQ Therm was chosen as it has the highest level of insulation for given thickness of breathable systems. The original U value of the wall was approx 3.3W/m²K and was improved to 0.33 W/m²K .

Products and Systems Used

IQ Therm 80



Remmers IQ Therm is a complete system of fixing/insulation and finishing available in 3 board thicknesses.



Client

Private Client

Specifier

Dermot Bannon Architects, Dublin

Installer

Finton Farrell Conservation /
Sicon Construction

Completion

March 2014