



Case Study

St Keverne, Cornwall

Client: Frame UK

Contractor: Galliford Try



This project is part of the West Cornwall Build Partnership schemes involving Devon & Cornwall Housing Association, Taylor Lewis (Project Managers), Trewin Design Partnership (Architects), MBA (Consulting Engineers).

Housing Type: Affordable Housing

Project Size: 13-Houses

Product Specification

Sidey Solartherm® Casement Windows and French Doors to a u-value of $1.6W/m^2K$ with Scratchguard® - our patented process for protecting glass. All sealed units were manufactured to BS 1279 and all toughened and laminated glass was manufactured to BS6206. Roto locking to meet Secured by Design as well 90° restrictors fitted to the French Doors. Ventilation was achieved through a complete passive stack ventilation system with high level fresh air inlets in habitable rooms.

Windows were pre-installed offsite in the timber frame closed panels using Sidey's unique KitFix® system including clip on 120mm cills, whereby the cill noses can be clipped on later in the build.

Complexity:

The windows were delivered to the timber frame factory in Redruth to coincide with the panel production plan following confirmation of the specification and aperture sizes. Sidey's unique KitFix® system removed any complexity by having the frames fitted offsite.

Measured Benefit:

The client's requirements for a sustainable development were met easily with Sidey's energy efficient Solartherm products. By having the windows installed offsite using KitFix®, the structures were made wind and watertight sooner allowing the follow-on trades in earlier enabling the build to progress extremely quickly.