



Case Study



Contractor: Galliford Try Partnerships

Timber Frame Company: Frame UK

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: 22 - Houses

Product Specification: Windows were pre-installed offsite in the closed timber frame panels using Sidey's unique KitFix® system.

Sidey 1.6W/m²K Solartherm® Casement Windows with 120mm clip on cills to suit the hanging natural slate cills. Cill noses were clipped on later in the build using Sidey's unique cill receiver solution. All French Doorsets and windows to Secured by Design with the glazing fully protected with Sidey's patented, factory applied, Scratchguard™ glass protection system to negate scratches. All sealed units manufactured to BS 1279 with toughened and laminated glass manufactured to BS6206. Roto high performance locking systems throughout to meet Secured by Design along with 90° restrictors fitted to the French Doorsets, which also incorporated Part M compliant aluminium low thresholds. Ventilation was achieved through a complete passive stack system with high level fresh air inlets in habitable rooms.

Handles and vents were fitted on site by others later in the build to minimise damage and misuse by other trades.

Measured Benefit: The client's requirements for a sustainable development were easily met with Sidey's energy efficient Solartherm® fenestration. By having the windows installed offsite using KitFix®, there were significantly fewer deliveries to site, with no manual handling of frames into the plots thus reducing the projects carbon footprint and improving health and safety.

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.