



## Case Study

### St Stephen, Cornwall



This project is part of the West Cornwall Build Partnership schemes.

**Housing Type:** Affordable Housing

**Project Size:** 22 - Houses

**Product Specification:** All of the windows were installed offsite using Sidey's unique KitFix® system. The completed panels were stacked and banded as normal, with the panels craned into place with the windows in their transport position, fully protected within the timber studs.

Sidey Solartherm® Casement Windows and French doorsets to 1.6W/m<sup>2</sup>K and Secured by Design throughout. Ventilation in habitable rooms to tie in with a whole-house passive stack system. Cill noses were supplied loose for fitting onsite using Sidey's unique cill receiver solution. All sealed units manufactured to BS 1279 with toughened and laminated glass manufactured to BS6206; all fully protected with Sidey's patented process, factory applied, Scratchguard® glass protection system to negate scratches. Roto high performance locking systems throughout to meet Secured by Design along with 90° restrictors fitted to the French Doorsets, which also incorporated low level Part M compliant aluminium thresholds.

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

**Measured Benefit:** By having the windows installed offsite using KitFix®, the plots were secure from day one minimising the risk of theft and arson on the site minimising site delays and costs. The client's requirements for a sustainable development were easily met with Sidey's energy efficient Solartherm® fenestration.

**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.