



The Lozenge, Derriford, Plymouth

Contractor: Commercial Concepts

The design and construction of 123 en-suite student bedrooms in two structural timber frame blocks to achieve BREEAM Very Good Rating

Housing Type: Affordable student accommodation

Project Size: 380 windows, stairwell screens and aluminium entrance doors and side screens

Product Specification: Sidey Solartherm S 62 casement windows extruded to BS12608 Class 'A' to distinguish the quality and wall thickness of the profile. Coloured grey external smooth finish and white internal. Double glazed units throughout with a WHOLE window u-value of 1.5 supplemented with grey painted glass in all panels where required, all protected with Sidey's Scratchgard® glass protection system. Sealing and weather performance supplemented with a PUR sealing tape impregnated with a fire resistant polymeric dispersion to meet DIN 18055. Low cost but secure sacrificial timber doorsets were installed for use during the build and replaced with high performance colour matched aluminium entrance doors and side screens prior or handover.

Measured Benefit: In line with the client's requirements for a sustainable, modern and versatile development with good thermal performance and low maintenance, Sidey supplied and installed our energy efficient Solartherm fenestration products. The product was designed and manufactured to match the modern external design of the development whilst giving students functional and secure fenestration to their accommodation. The Scratchgard® glass protection system ensured zero glass replacement thus minimising time delays and costs for the contractor

Duration: 4-months

Complexity: The development occupies an extremely tight site in Plymouth with no frame storage or onsite parking. Sidey's fitting teams supported by site operations manager managed the flow of the frames to the project daily ensuring fitting continuity and project timelines.