



Case Study

Student Accommodation, Egham, Surrey

Contractor: HG Construction

Client: Ternion (Danehurst) Limited

Housing Type: High quality student accommodation

Project Size: Purpose built student accommodation with 125 bedrooms made up of both cluster flats and studio apartments.

Product Specification: BRE Green Guide A+ rated Sidey Solartherm® Tilt and Turn windows manufactured with profiles meeting BS12608 Class A wall thickness and to meet Secured by Design. Colour is UV stable RAL 7016 smooth grey externally and white internally. Windows manufactured to meet BS7950 and Secured by Design using a mixture of laminated and toughened glass combinations in conjunction with German hardware and high quality handles with built in key operated restrictors. Vents are aluminium to withstand abuse by students. All glass was protected against scratching using Sidey's Scratchguard™ glass protection system applied to both faces of the units using our design copyrighted application system. Sidey's unique cill receiver system and colour matched cill nosings were specified enabling the cills to be fitted after the windows were installed to mitigate damage from other trades.

Measured Benefit: There were strict planning conditions around the fenestration that were all met using Sidey's specially developed student accommodation specification for high performance BRE Green Guide A+ rated windows. The contractor made significant savings against the system specified whilst achieving a markedly better whole window u-value performance of 1.4W/m²K enabling savings in insulation levels elsewhere.

Duration: 10-weeks

Complexity: A very tight site in a built up area meaning good communication and coordination was crucial to programme being completed on time and to a high standard.

