



Case Study

Code for Sustainable Homes, Level 6, Slough



This project has been formed using the latest in construction methods along with new experimental building materials in order to achieve the highest level of environmental and energy efficient social housing.

The project is also going to be used as an ongoing experiment to test different construction types, environmental consequences and communal heating systems.

Housing Type: Social and Affordable Housing

Duration: 1 year

Project Size: Four timber kit houses, four block houses, two flats, plant room and four community rooms

Product Specification : Sidey Solartherm® casement windows extruded to BS12608 Class A rating with 0.8 U-value, 36mm triple glazed unit. 4mm planitherm total optitherm S4 - 12mm Super Spacer filled with krypton gas

Complexity: The development incorporated the use of - solar tile systems, communal energy heating system, water recycling system and environmental build practices

Measured Benefit : We have provided a product in line with the client's requirement for sustainable development. Various construction types are being tested for their carbon foot print efficiency which will give engineers and architects true figures and highlight the best materials to use in future builds.