

Fire in Use Research Project – Offsite Timber Frame Construction

OPPORTUNITY

As part of the Hackitt & Stollard Reviews, the UK & Scottish Governments have commissioned a review of building regulations relating to fire performance and approved documents. These reviews have highlighted a focus around testing of materials and systems used in construction. Currently, product/system compliance is generally managed through a mix of BS, EN & supplementary guidance, such as those provided by BRE/NHBC, as well as 3rd party fire assessments.

PROJECT

There is a clear direction of travel with compliance standards likely to shift towards EN fire standards in the future. This presents the timber frame sector with a great opportunity to recalibrate commonly used wall, floor and roof systems and provide evidence-based solutions for our customers, members and wider industry to use. In preparation for these changes, the STA project will include cutting edge research, full scale testing, fire assessments and new fire design protocols.

OUTCOMES

- Four-part series of research papers;
- New industrial technical guidance – “go-to bible”;
- Contributions towards growth of the timber frame sector in Scotland and the UK.



SUPPORT

- Total project value - £241k
- CSIC Contribution - £34k

PROJECT DURATION

- 12 months

Innovation Support: Product Innovation

Sub Sector: Housing