

SCI CONSULTANCY: DEVELOPMENT ENGINEERING SUPPORT ACOUSTICS

SCI develops guidance on acoustic performance

Non structural performance criteria, such as acoustic and thermal performance, are becoming increasingly important to many specifiers and product manufacturers, especially where light steel framing systems are concerned.

SCI regularly works with light steel framing manufacturers to help them meet the ever-changing requirements of the Building Regulations, by improving their existing products and developing new ones.

Consequently, SCI continues to gather data and develop guidance on the acoustic performance of steel framed buildings. Project work for TATA Steel (then Corus) included establishing a database of construction details and their acoustic test performance. This has been used to assess the likely acoustic performance of similar details and refine recommended acoustic detailing practice for steel framed buildings.

Following on from this SCI produced a series of four case studies on a range of steel buildings with good acoustic performance, to demonstrate the ability of steel buildings (with appropriate detailing) to provide good acoustic performance for the comfort of their occupants.

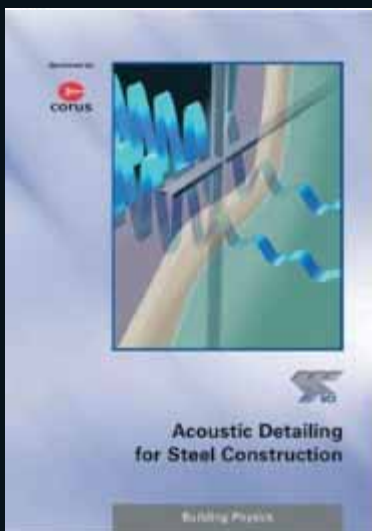
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