

Insulation and load bearing in detail

Experience new thermal and sound insulation products under one roof. Innovative planning with BIM.

Baden-Baden, 16 October 2014 – Manufacturer of components for the building industry, Schöck will be presenting a whole host of new products focusing on thermal separation and sound isolation of components at its booth 119 in Hall A1 at BAU 2015. The booth, measuring 184 square metres, replicates a house with strikingly blue transparent screens aimed at centring focus and drawing visitors' attention to the detailed connections in the building. Experts can see, experience and learn more about the technical functionality of the components on balconies, parapets or staircases, in the shape of installation situations, models and samples. The product presentation will be enhanced by a portfolio of planning and building site advisory services.

Improved energy efficiency. Optimised construction workflows.

Focus is centred on energy efficiency in buildings. Schöck will be presenting its innovative Isokorb ID for the first time at BAU. This new type of Isokorb combines a load bearing thermal insulation element and a ceiling element for retrofitting prefabricated balconies in building structures. This system enables retrofitting of a balcony slab irrespective of when the ceiling slab is manufactured. In doing so, it shortens construction time, reduces the construction cost, and optimises the construction workflow, all without compromising the superior thermal insulation properties.

The new Isokorb type KST, which has been granted technical approval, demonstrates how to retroactively connect steel structures with thermal separation. The load bearing thermal insulation element joins steel-to-steel connections, such as balconies or roof structures, in new construction or renovation projects. Schöck is the first manufacturer in Germany to obtain technical approval for this connection. Schöck will also be demonstrating products for construction works in concrete on its stand; the thermally improved solutions offered by the Isokorb XT product range for attics, parapets or consoles with 120 mm insulating element. The Isokorb type K range featuring 80 mm insulating material with a new graduated load-bearing concept will also be presented at this leading fair in Munich. The number and diameters of the static elements of this component have been optimised to make the best possible use of structural design and thermal separation.

Complete sound proofing programme. Expanded service portfolio.

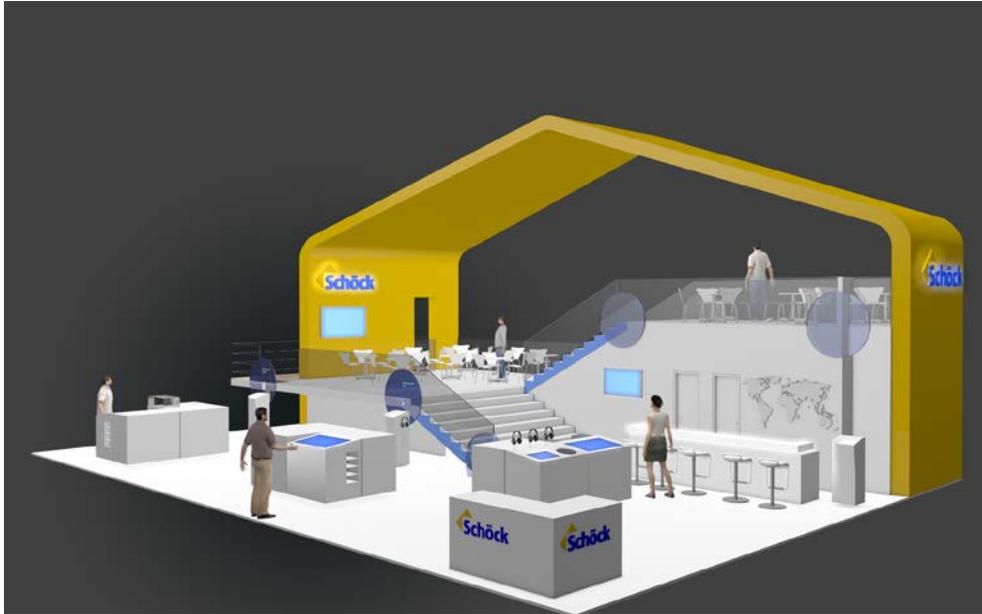
Following the market launch in 2014, the range of new generation "Tronsole" impact sound insulation elements is now complete. In keeping with the motto "Reliable sound proofing is blue", the manufacturer of building components will be visibly demonstrating at the trade fair how to achieve superior sound proofing, while at the same time optimising the workflows on the construction site. Tronsole products comply with the high standards of Class B – some even with Class A – sound proofing quality stipulated by the German Acoustics Society (Deutsche Gesellschaft für Akustik e.V., DEGA) and sound insulation class III according to VDI 4100.

A comprehensive portfolio of services ensures high levels of planning and product processing certainty. Starting with the planning process and including Building Information Modelling – "BIM" – Schöck has now started offering BIM-compatible product information for various types of Isokorb. As far as thermal bridges are concerned, there is a new thermal bridge calculator that will be demonstrated at BAU. The installation experts are available to help visitors to the booth with practical installation tips and support with difficult installation situations.

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Captions

[Schöck_BAU2015.jpg]



Schöck presents a whole host of new thermal insulation products and sound proofing solutions under one roof at its booth 119 in Hall A1.

Photograph: Schöck Bauteile GmbH

[Schöck_Isokorb_ID.jpg]



The new Schöck Isokorb ID for retrofitting balcony slabs during the structural building phase.

Photograph: Schöck Bauteile GmbH

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