

Press Release



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For immediate release

Schöck software support more extensive than ever

The extensive range of free online and downloadable support software available from Schöck is now one of the most comprehensive in this market sector. It offers wide-ranging support to the design process, across areas such as product selection; thermal analysis; structural analysis; and BIM services. The full extent of the digital services on offer, will be featured at Ecobuild in March, on Schöck Stand C41; where visitors will be able to explore the range at first hand, and receive personalised training from Schöck engineers.



One of the most recent developments is the extension of the calculation software to include a design program for the Isokorb types KS and QS in steel-to-concrete connectivity situations. This latest program complements the company's existing calculation software for designing concrete-to-concrete and steel-to-steel connections; offering a quick and easy method of identifying the optimum product solution for any given situation.

A notable benefit of the program is the ability to calculate natural frequency. This allows a check on the serviceability of the whole balcony system with regard to vibration. It calculates the natural frequency of thermally broken steel balconies using numerous geometric and material variables – and even

proposes options for steel side and end plates; and on-site stub brackets for bridging façade thicknesses.



There is an online thermal bridging calculator too, which enables planners to produce substantiated thermal bridge analysis in just a few simple steps, which is available for immediate printout. Based on the construction details, the new thermal bridge calculator computes two-dimensional heat flows, isothermals, temperature factors, surface temperatures and psi values (ψ values). The calculation results provide architects, structural engineers and building physicists with all the information needed to produce a detailed thermal bridge analysis to identify compliance with part L regulations. Psi-values can then be used for detailed SAP analyses to provide further benefits in energy assessments. The results log contains all relevant properties and notes relating to the building structure.

BIM libraries

Special object libraries and plug-ins have been developed for users of the leading BIM systems. Particular focus has been given to ensuring easy and efficient use of the objects. At present, these libraries are available for the standard Schöck Isokorb product portfolio (concrete-to-concrete, steel-to-concrete and steel-to-steel) for Allplan and ArchiCAD CAD systems, with Revit and Tekla to follow. Two levels of detail are available in the plug-in: one for preliminary planning and one for execution planning. This is equivalent to the planning workflow, from draft to selection of the exact type of product. The preliminary planning objects can subsequently be converted into more detailed objects, without having to manually recreate them.

Visit the Schöck site at www.schoeck.co.uk and you are of course invited to experience all the latest software and product developments on Schöck Stand C41 at Ecobuild in March

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Notes to the editor**A leading European supplier**

Schöck has grown to become Europe's leading supplier of innovative structural load bearing insulation products. The main product is the Schöck Isokorb – a thermal break for various types of cantilever constructions in new buildings and for renovation. Its headquarters are at Baden-Baden in southern Germany and there are subsidiary companies in Great Britain, France, Austria, Switzerland, Italy the Netherlands, Belgium, Poland, Hungary, Russia, Japan, Canada and the USA. Sales teams and partners operate in many other European countries and also Australia and South Korea. Schöck is committed to providing the highest level of technical back up and comprehensive customer service to the construction industry.

Graphics and Captions



Graphic of the Schöck Ecobuild stand 2018



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