

PRESS RELEASE

Schöck Ltd

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Isokorb type K – for concrete-to concrete connections

The Schöck Isokorb® type K with its HTE (high thermal efficiency) module, is a load bearing thermal insulation element for cantilever balconies and provides a thermal break between external reinforced concrete components and the building. The innovative HTE module is a pressure bearing pad made of high-density micro-fibre reinforced concrete; a highly effective HCFC-free Polystyrol hard foam insulation layer and stainless steel connectors – all of which result in the best thermal performance achievable.

The element transfers bending moment, stress and shear forces, plus its integrated hanging and perimeter tensile reinforcement – which are fitted as standard – also save the unnecessary and costly use of extra stirrups or hooped mat.

All of the Isokorb® thermal break modules provide BBA Certification and LABC Registration, with the range comfortably exceeding the UK regulation (BRE IP1/06). This requires that the temperature factor used to indicate condensation risk (f_{RSI}), must be greater than, or equal to, 0.75 for dwellings, residential buildings and public buildings. There is also compliance with the Government Standard Assessment Procedure, SAP 2009, concerning CO₂ emissions from buildings and respectively heat losses through non-repeating thermal bridges.

Here, the lambda values of the Schöck Isokorb® enable energy loss in various connective situations to be reduced by as much as 84% to 91%.

The type K units are light and easily handled by one man, offering fast and simple “drop-in“ installation, averaging less than five minutes per unit.

For your free copy of the Schöck Specifiers Guide and /or the Technical Guide contact Schöck Ltd on 01865 290 890 or visit www.schoeck.co.uk

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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. Its headquarters are at Baden-Baden in southern Germany and there are subsidiary companies in Great Britain, France, Austria, Switzerland, the Netherlands, Belgium, Poland, Italy and Hungary. Sales teams and partners operate in many other European countries and also Canada and the Middle East. Schöck is committed to providing the highest level of technical back up and comprehensive customer service to the construction industry.

Images



