

 **Schöck Isokorb®**

**Insulating to highest standard.
Schöck Isokorb®.**



Latest generation pushes the boundaries. Schöck Isokorb® with 80 mm and 120 mm.

Our answer to increasingly stringent EU guidelines

Since its first Isokorb® product was introduced to the market, Schöck has increasingly dominated the design and development of safe, state-of-the-art high performance thermal break solutions across international markets. Today, with increasingly stringent EU guidelines, whereby from 2021 all new buildings have to be designed according low energy building standards; plus challenging building regulation requirements; the demands for improved thermal insulation have never been greater. To help push the boundaries in meeting those demands, Schöck has developed the latest generation Isokorb®, for concrete-to-concrete applications.

▶ **Outstanding thermal performance**

The new products (80 mm and 120 mm insulation thickness) are 25 % thermally better than their previous generations.

▶ **Fire protection at the highest standard**

The new Schöck Isokorb® generation is classified as European fire resistance class REI 120, which is far superior to the generally applicable requirements for balconies and external walkways.

▶ **Passive House certified**

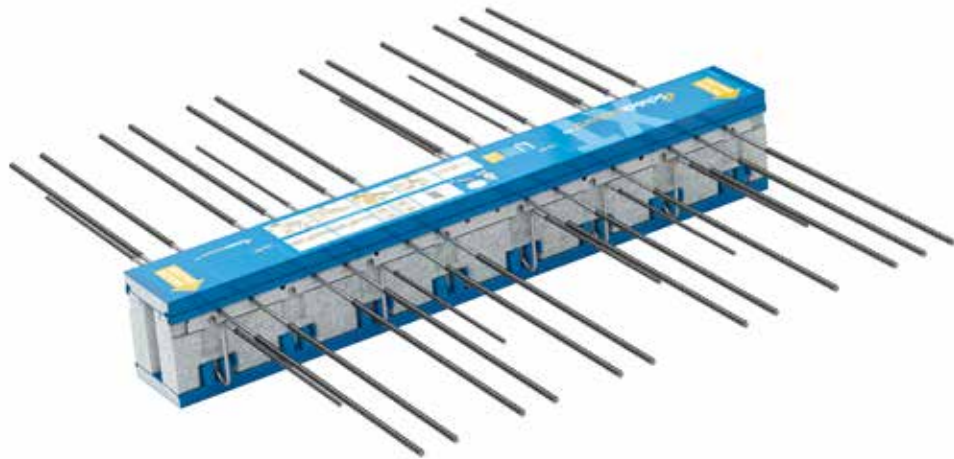
The Schöck Isokorb® XT products with an insulation thickness of 120 mm are certified by the Passive House Institute. Even free cantilevered balconies can be built without thermal bridges.

▶ **Independently verified**

The product is already technically approved by the BBA and it comes with an additional independent thermal evaluation by Oxford Brookes University.



Whether free cantilevered or supported balconies, loggias or porches, corner or height offset balconies, cantilevered shear walls or inner slab joists, corbels or parapets: Schöck Isokorb® with an insulation thickness of 120 mm or 80 mm offers the right thermal insulation solution for any requirement.



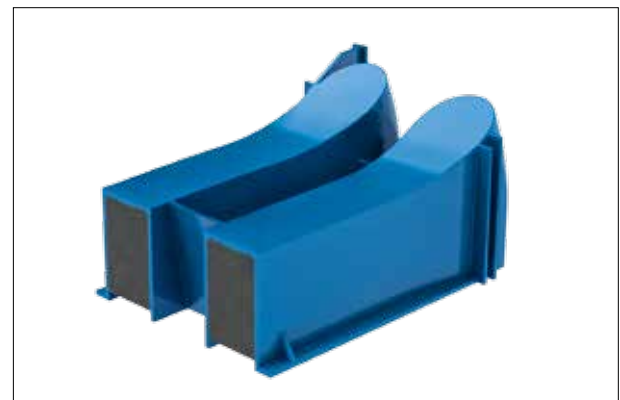
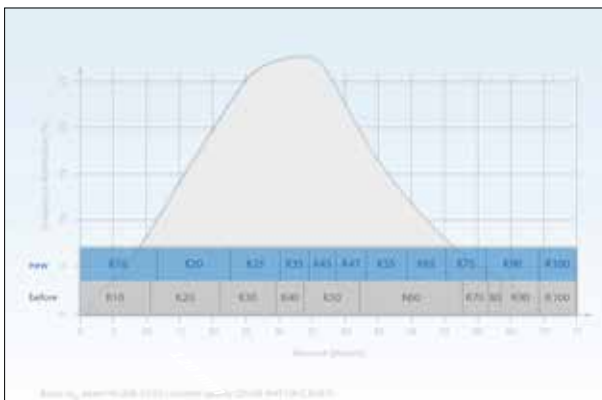
Schöck Isokorb® type KXT (120 mm) – also available as type K (80 mm)

Customer-oriented load capacity concept

The load capacity concept has been optimised to reflect customer needs. For example, the load capacities most frequently demanded in the market have been extended, producing benefits in terms of both building physics and economics.

Optimised product concept and materials

The latest generation is 25 % better than the previous one. The new compression module HTE Compact® made of high-density micro-fibre reinforced concrete is smaller, offering advanced thermal insulation.



BIM-compatible Schöck Isokorb® formats for reliable and efficient design are now available in the Schöck CAD portal at: www.cad.schoeck.co.uk

Solutions for any requirement.

The entire range of Schöck Isokorb®.



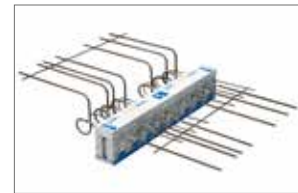
Type KXT: For free cantilevered balconies.



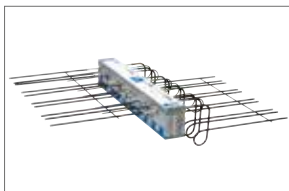
Type ZXT: Insulating adapter for various installation situations.



Type EXT: For balconies around outer corners.



Type KXT-HV: For balconies with connection to a downstand beam.



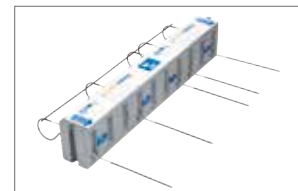
Type KXT-BH: For balconies with connection to an upstand beam.



Type KXT-WO: For balconies with wall connection to the top.



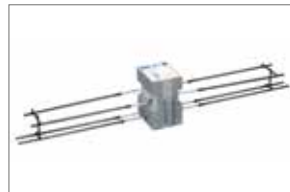
Type KXT-WU: For balconies with wall connection to the bottom.



Type QXT: For supported balconies.



Type HPXT: Addition for horizontal loads.



Type EQXT: Addition for horizontal loads and positive moments.



Type DXT: For continuous slabs.



Type SXT: For free cantilevered inner slab joists.



Type WXT: For high-storey shear walls.



Type AXT: For upstands and parapets.



Type FXT: For projecting parapets.



Type OXT: For corbels.

Note: All product types are also available with an insulation thickness of 80 mm.

Schöck Ltd
Staniford House
4 Wedgwood Road
Bicester
Oxfordshire
OX26 4UL
Telephone: 0845 241 3390
design@schoeck.co.uk
www.schoeck.co.uk

