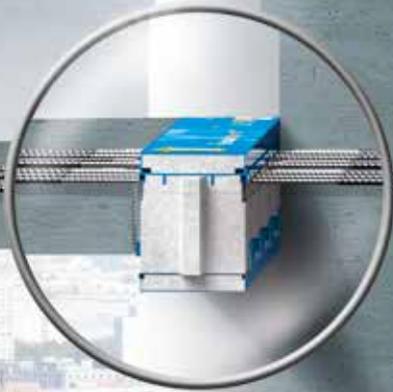


 **Schöck Isokorb®**

Insulating to highest standard.
Schöck Isokorb® XT.



Latest generation Isokorb® pushes the boundaries. The best thermally performing product on the market.

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® type KXT, for concrete-to-concrete applications.

▶ **Outstanding thermal performance**

The new product is 25% thermally better than the previous generation and generally 33% better than the conventional Isokorb® type K range.

▶ **Fire protection at the highest standard**

The new Schöck Isokorb® XT 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**

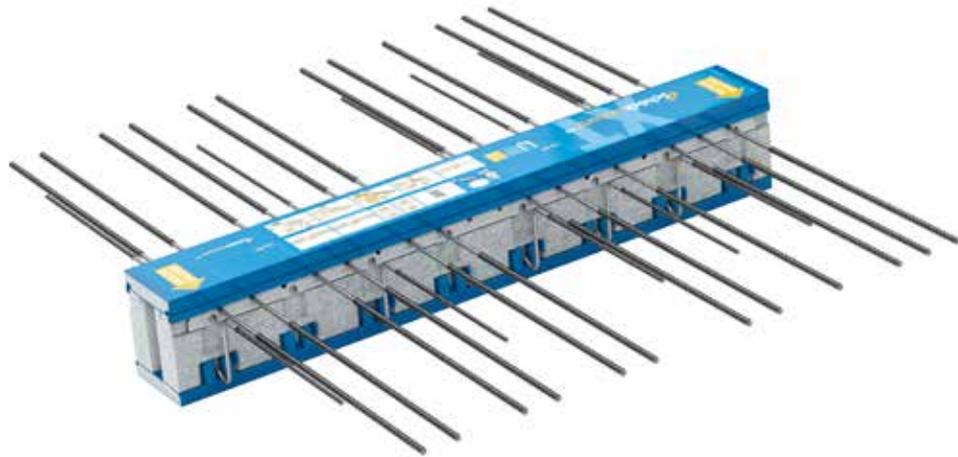
Schöck Isokorb® XT products are certified by the Passive House Institute. Even free cantilevered balconies can be built without thermal bridges.

▶ **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.



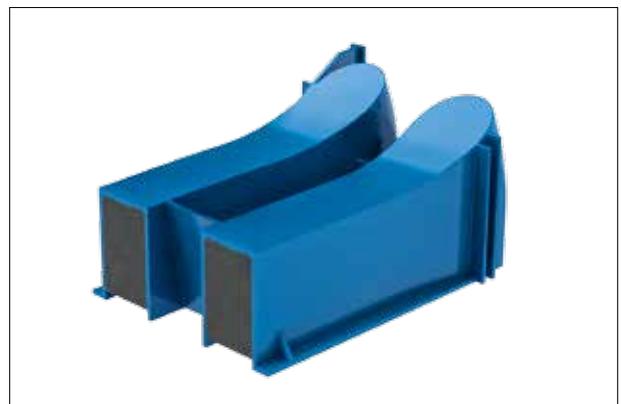
Schöck Isokorb® Type KXT

Adjusted insulation thickness

The insulation thickness of the Schöck Isokorb® type KXT is 120 mm. This results in 33% better thermal performance than the conventional type K range (80 mm insulation thickness). Therefore Schöck Isokorb® type KXT allows an evenly and continuous facade insulation, even for increased thicknesses of wall insulation.

Optimised product concept and materials

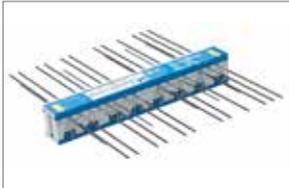
The latest generation is 25% better than the previous one. The new compression module HTE Compact® made of high-density micro-fibre reinforced concrete is smaller, offering advanced thermal insulation. The load capacities most frequently demanded in the market have been extended to reflect customer needs, producing benefits in terms of both building physics and economics.



The Schöck Isokorb® with **80 mm** insulation thickness has also been adapted, based on improvements to the XT product range. The new load capacity concept with fire resistance class REI 120 will be available from midyear 2016 onwards.

Solutions for any requirement.

The entire range of Schöck Isokorb®.



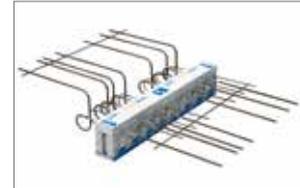
Type KXT: For free cantilevered balconies.



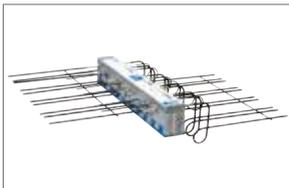
Type KFXT: Free cantilevered balconies, precast planks.



Type EXT: For balconies around outer corners.



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



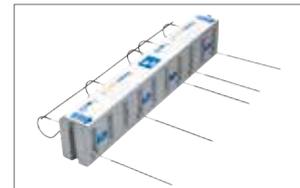
Type KXT-BH: For balconies with connection to an upstand beam.



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



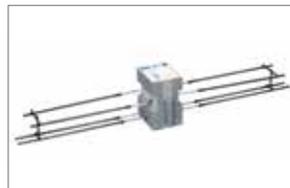
Type KXT-WU: For balconies with wall connection to the bottom.



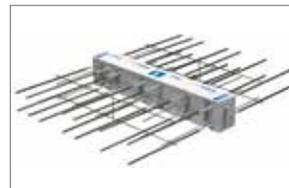
Type QXT: For supported balconies.



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.

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 **Schöck**
 Innovative Building Solutions