

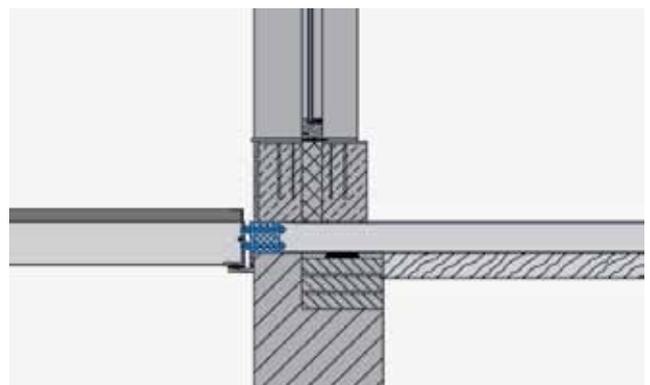


Renovate with the Schöck Isokorb®

Balcony renovation enhances value

A balcony enhances the value of any dwelling. As a structural engineer or architect using the Schöck Isokorb®, you have maximum freedom of design. New balconies can be added in a manner that is compatible with the original architecture, while still achieving the best levels of thermal insulation. The practicality of the Schöck Isokorb® solutions also mean that installation time on site is kept to a minimum.

When it comes to renovation, energy savings are generally the primary focus. This is understandable, considering that many existing buildings no longer meet the modern guidelines for energy consumption or today's expectations of living comfort. The renovation of a building requires a totally integrated approach. Ignoring a thermal bridge at the balcony, will not only lead to a high loss of thermal energy but also significantly increases the risk of damage to the structure through condensation and mould growth.



Freedom of design in renovation.

Connection options with the Schöck Isokorb®.

Schöck Isokorb® RKS

Recently introduced into the German, Austrian and Swiss markets and currently at final market test stage in the UK, this range of thermal break elements allows the replacement, or addition, of a balcony to an existing building. Based on proven Schöck Isokorb® technology, it is a solution that is being developed for the connection of steel or concrete balconies to a concrete inner slab, while still meeting required insulation compliance standards. This is achieved by chemically anchoring the Isokorb to the exterior of the building via the structural floor slab edge, which is not only a practical solution, but also avoids any damage to the internal structure or finishes.

Schöck Isokorb® KST

This steel-to-steel thermal break element is modular and designed to carry different types of loads. Its flexibility makes it ideal for use in the replacement, or the addition of balconies, in a multitude of different types of buildings. By using the KST in conjunction with a steel frame, cantilevered or supported balconies can be connected to timber floors, concrete floors - or even just the wall.

Connection options



Steel-to-reinforced concrete connection:
Isokorb® Type RKS.



Steel-to-steel connection: Isokorb® Type KST.

Renovation project technical support:

Construction projects involving existing buildings invariably require customised solutions. To provide you with expert technical support, our experienced design and engineering team is always on hand.

Tel: 0845 241 3390 or fax: 0845 241 3391 or e-mail: design@schoeck.co.uk

Schöck Ltd
The Clock Tower
2 - 4 High Street
Kidlington
Oxford
OX5 2DH
United Kingdom
Telephone: 0845 241 3390
Fax: 0845 241 3391
www.schoeck.co.uk
design@schoeck.co.uk

 **Schöck**
Innovative Building Solutions