SCHÖCK
Dependable by design

SCHÖCK ISOKORB® RT

Insulated balcony connections for renovation projects.

Concrete and steel balcony connections for renovations

SCHÖCK ISOKORB® RT

Freedom to design balconies into your renovation without sacrificing efficiency..

Balconies enhance the value of any dwelling. Incorporating Isokorb® into your retrofitted balconies offers design flexibility, simple installation and efficient building envelope thermal performance.

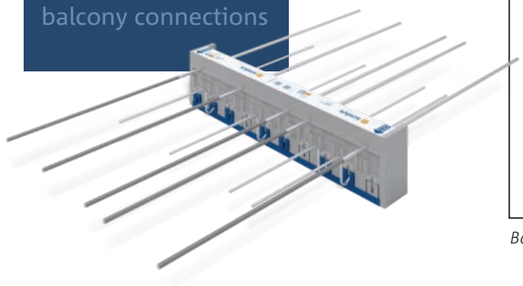
- Prevent condensation and mould
- Reduce heat loss at balconies by up to 90%
- Improve the effective R-value of the building envelope by up to 50%
- Increase warmth of interior floors by up to 19°C / 34°F
- Meet code requirements for continuous insulation with maximum efficiency

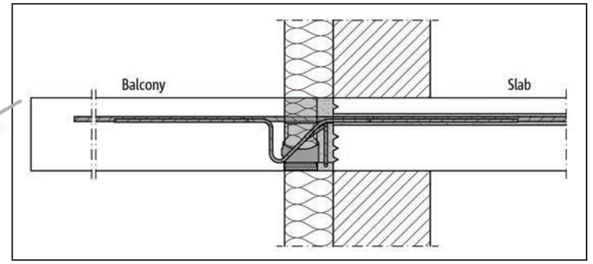
When it comes to renovations, energy savings are often the primary focus. This is understandable, since many existing buildings no longer meet modern guidelines for energy consumption or today's expectations of living comfort. Additional structures like balconies must be designed to work well with the existing building's style and character, while also offering optimal building envelope performance. Ignoring a thermal bridge at the balcony will not only lead to heat loss, but also condensation that can damage surrounding surfaces and provide an ideal environment for mould growth. This can lead to ongoing maintenance and repair costs, and the potential for added liability for building owners. Addressing thermal bridging in your renovation, not only helps to comply with codes, but also increases the value and comfort of the building.

Isokorb® RT Type K

for retrofitted concrete-to-concrete balcony connections

Schöck Isokorb® RT Type K is a load-bearing module specifically designed for use in renovations where freely cantilevered reinforced concrete balconies are added to an existing reinforced concrete slab. The modules insulate the connection while transferring negative moments and positive shear forces.



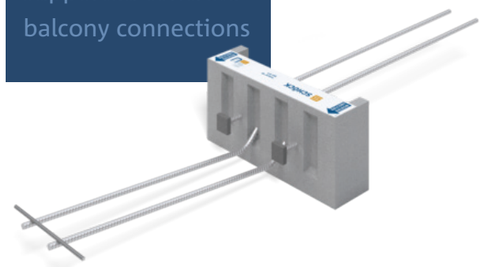


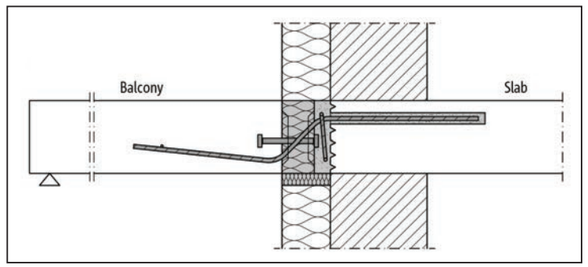
Balcony freely cantilevered with direct support, renovation of existing balcony

Isokorb® RT Type QP

for retrofitted supported concrete balcony connections

Schöck Isokorb® RT Type QP is a load-bearing module specifically designed for use in renovations where supported reinforced concrete balconies are added to an existing reinforced concrete slab. The modules insulate the connection while transferring positive, or positive and negative shear forces.



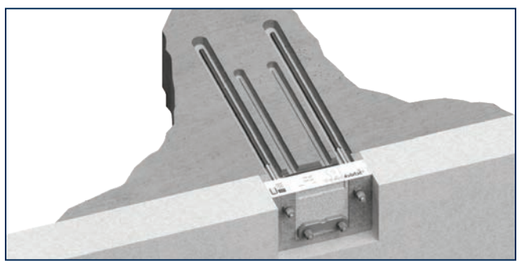


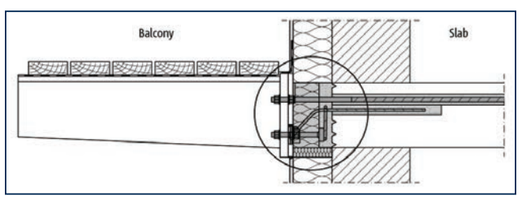
Walls with external insulation, thermally broken, supported slab

Isokorb® RT Type SK

For retrofitted concrete-to-steel balcony connections

Schöck Isokorb® RT Type SK is a load-bearing module specifically designed for use in renovations where a steel balcony is added to an existing reinforced concrete slab. The modules insulate the connection while transferring negative moments and positive shear forces.





Isokorb® T Type S

for retrofitted steel-to-steel balcony connections

Schöck Isokorb® T Type S is a load-bearing module used to insulate the connection between a steel balcony and an existing steel structure. The modules can be adapted to many profile sizes and requirements to transfer bending moments and transverse forces, making it easy to integrate into retrofitted applications.

Why work with Schöck?

- Schöck's solutions are tailored to your project's needs, every time.
- Our architects and engineers know your world and your challenges.
- Easy-to-access CAD/BIM files and product specs online, ready to go.
- Final drawings stamped and signed by a Professional Engineer licensed in the project's jurisdiction.
- Over 16 million Isokorb installations in 38 countries.

Construction projects involving existing buildings require careful planning to maximise efficiency and create an optimal solution. Schöck North America's team is always ready to help make your next project a success.

Call 855 572 4625 today to speak to one of our experts.

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