



SCHÖCK ISOKORB® IQ TYPE K

More flexibility in the construction process.



The intelligent solution for reducing thermal bridges in precast balconies. Simple, efficient and flexible.

SCHÖCK ISOKORB® IQ TYPE K

Flexibility and efficiency.

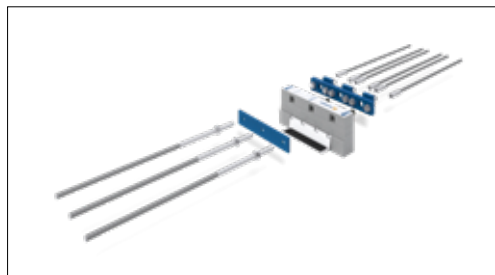
The construction industry is developing at an ever-increasing pace, and Schöck is setting new standards for innovation with its revolutionary Isokorb® IQ Type K. For the first time, the new IQ Type K makes it possible to retrofit thermally separated precast balconies to new buildings. This means that installation can be carried out flexibly and without the need for scaffolding or back propping. With construction projects becoming increasingly complex, the demand for flexible, fast and reliable solutions is greater than ever. The Isokorb® IQ Type K has been specially developed to meet these requirements and other challenges on modern construction sites.



Advantages of retrofitting balconies with Isokorb® IQ Type K

- Flexible installation times without scaffolding or back propping
- Dry installation in just a few minutes
- Maximum design freedom and flexible arrangement of balconies
- Space-saving without additional storage – ideal for -city centres
- Suitable for precast elements in new buildings
- Suitable for connection heights of 200-320 mm
- Approved quality

No time lost due to complex scaffolding and back propping. Isokorb® IQ Type K not only speeds up the construction process, it also makes it easier.



Isokorb® IQ Type K-A for slab-side fastening



Isokorb® IQ Type K-B for balcony-side fastening



Aan de Dijk, Deventer NL



Isokorb® IQ Type K-A

IQ Type K-A is a multi-part Isokorb system in which components are installed in the reinforced concrete slab, enabling the retrofitting of a precast balcony. The recesses for fastening with nut and bolt connections from IQ Type K-A are located on the slab side and are filled with grouting mortar after installation. This system is recommended for use in combination with reinforced concrete frame structures.



Isokorb® IQ Type K-B

IQ Type K-B is also a multi-part Isokorb for retrofitting precast balconies to reinforced concrete slabs. However, the recess for fastening is located on the balcony side. This makes the system suitable for use in buildings with reinforced concrete walls. The balcony can even be connected after completion of the new building.

SCHÖCK ISOKORB® IQ TYPE K

Innovative solutions for challenging construction projects.

With Schöck Isokorb® IQ Type K, the flexible installation of precast balconies is now a reality. Suitable for connection heights of 200-320 mm, this intelligent solution requires only a few components to be installed on site. This enables quick installation in just a few minutes, and the precast element can be anchored directly through the finished façade into the slab. For a multitude of façade options, the new IQ Type K offers maximum flexibility for retrofitting.



Obenauf Vorgartenstraße, Vienna, Austria

The first generation of the innovative Isokorb® IQ thermal insulation element was used to efficiently connect the access balconies in a project by OBENAUF on Vorgartenstraße in Vienna!

The IQ system enables the simple installation of precast balconies and access walkways without any support. Installation took between 30 to 40 minutes from unloading at the construction site to being a usable walking platform.

Photos: OBENAUF



Positioning by crane

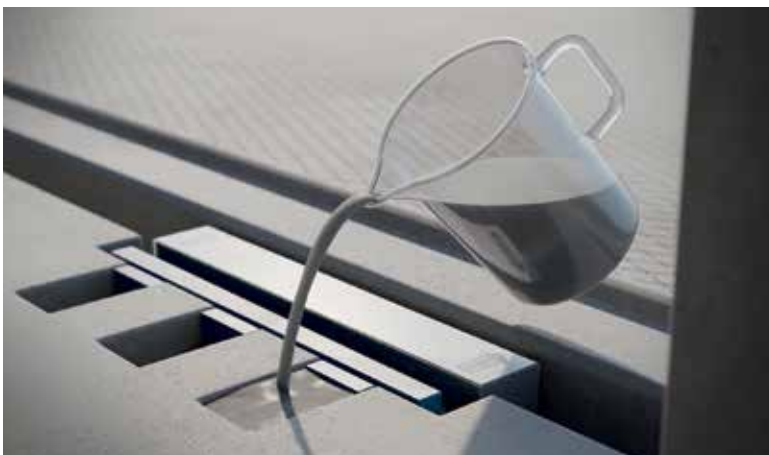
The balcony slab is delivered to the construction site as a precast element and lifted by crane to the respective connection point on the building.

The slab-side part of the IQ is installed in the building in advance. The balcony slab can now be attached to the building by inserting the tie bars into the connecting plate.



Dry installation of the balcony

The connecting plate is already fastened with coupled bars cast in the reinforced concrete slab construction beforehand. By fastening on the tie bars, the balcony slab is already fully installed. The balcony slab can now be levelled to the desired camber by tightening or loosening the nuts. The balcony slab is ready for use at this point and can be unhooked from the crane.



Grouting and sealing

In the final step, the recesses on both sides of the connecting plate are filled with grouting mortar. The usual sealing can be completed and the floor construction finished.

Xavier, Amsterdam, NL

This impressive building comprises more than 200 luxury apartments spread over 21 floors. At the rear are two lower buildings with six floors. In addition to the luxury apartments, the U-shaped complex also offers commercial space and an underground car park. The balconies were quickly and easily installed using a crane, without the need for scaffolding or back propping.

Photo: Daniel Annekov





City Icoon, Amsterdam, NL

The City Icoon, Kop Grasweg's largest and tallest building, is being built on the Tolhuiskanaal in Amsterdam North. This iconic residential building, designed by Studioninedots, offers a dynamic view from every perspective.

City Icoon contributes to a sustainable city. With the help of Schöck products, efficient construction, sustainability and comfort are optimally combined.

Photo: Marcel van Kerckhoven



Building N6, One Thames City, London, UK

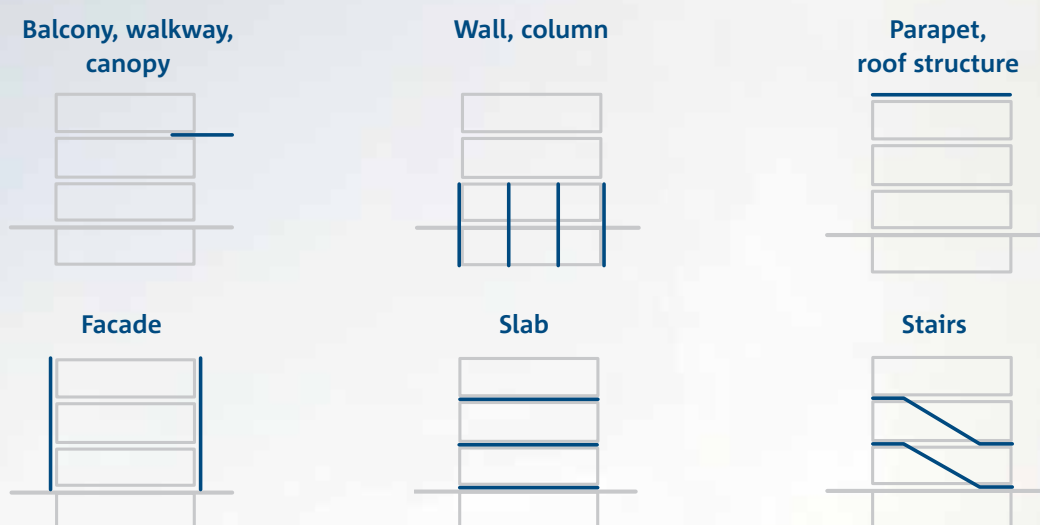
The first generation of the innovative Isokorb® IQ Type K thermal insulation element was used to efficiently connect the precast balconies to the luxury apartments on the 18 storey Building N6, One Thames City in London.

To ensure that construction work progressed quickly, the precast balconies were attached to the reinforced concrete slab floor using the Isokorb thermal insulation system® IQ from Schöck – without scaffolding or back propping required and in an extremely short installation time.

COMPREHENSIVE EXPERTISE

Dependably the right solution.

Using forward-looking product solutions and systems, we fulfill thermal, structural and design requirements for various applications in new and existing buildings. The main focus of our activities is on reducing thermal bridges and impact sound as well as reinforcement technology.



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