

# Certificate

## Certified Passive House Component

for cool, temperate climate, valid until 31.12.2024

Category: **Balcony connection**  
**Slab thickness 160 - 250mm**  
 Manufacturer: **Schöck Bauteile GmbH**  
**76534 Baden-Baden GERMANY**  
 Product name: **Schöck Isokorb® XT Typ K**

The following criteria were used in awarding this certificate:

### Efficiency Criterion

In two typical applications\*, the construction is

$$\Delta U_{WB} \leq 0.010 \text{ W}/(\text{m}^2\text{K})$$

### Comfort Criterion

The inner surface must be warm enough to prevent mould as well as uncomfortable down-draught and radiation losses.

$$\theta_{i,\min} \geq 17^\circ\text{C}$$

Following heat transmission coefficients  $\Psi$  [W/(mK)] were determined:

Product	Slab thickness				
	160	180	200	220	250
XT Typ K-M1V1	-	0.083	-	-	-
XT Typ K-M1V2	-	-	-	-	0.103

\* The criterion was validated on both, a row house and a apartment dwelling.  
 (according to criteria "balcony connection" v2.1.1)  
 The certificate includes types with minor statical performance.  
 Thermal bridge coefficients can be approximated by linear interpolation.

