

Certificate

Certified Passive House Component

for cool, temperate climate, valid until 31.12.2019

Category: **Balcony connection**
Slab thickness 160 - 250mm

Manufacturer: **Schöck Bauteile GmbH**
76534 Baden-Baden GERMANY

Product name: **Schöck Isokorb® Type KXT**

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 Ψ [W/(mK)] were determined:

Product	Slab thickness				
	160	180	200	220	250
KXT15-V6	-	0.083	-	-	-
KXT15-V8	-	-	-	-	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.

