

Certificate

Certified Passive House Component

for cool, temperate climate, valid until 31.12.2020

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

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

Comfort Criterion

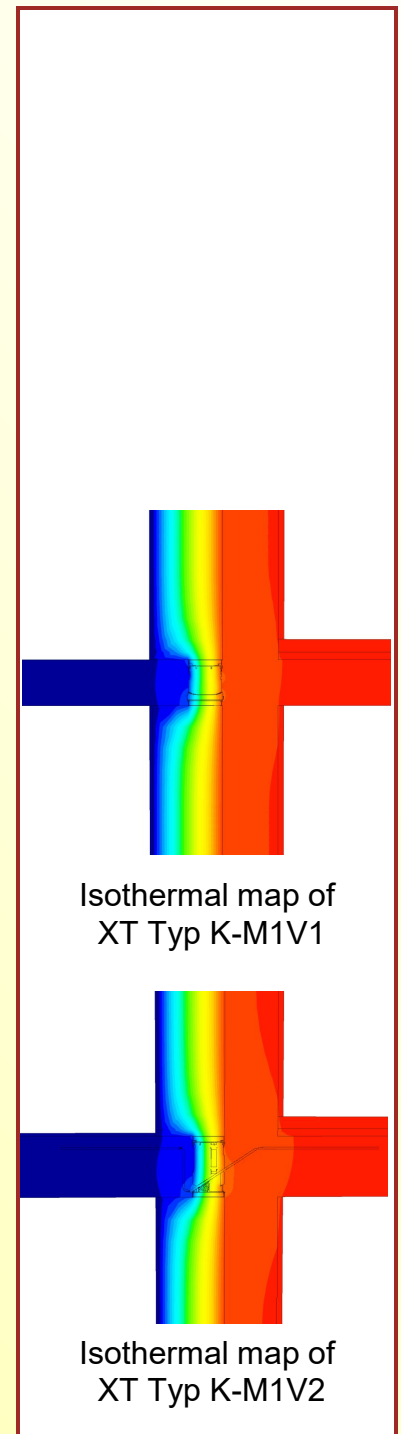
The inner surface must be warm enough to prevent mould as well as uncomfortable down-draught and radiation losses.

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

Following heat transmission coefficients Ψ [W/(mK)] were determined:

Product	Slab thickness				
	160	180	200	220	250
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.



cool, temperate climate



CERTIFIED COMPONENT

Passive House Institute