

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 Q**

The following criteria were used in awarding this certificate:

Efficiency Criterion

In two typical applications*, the construction achieves the requirement of

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

Comfort Criterion

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

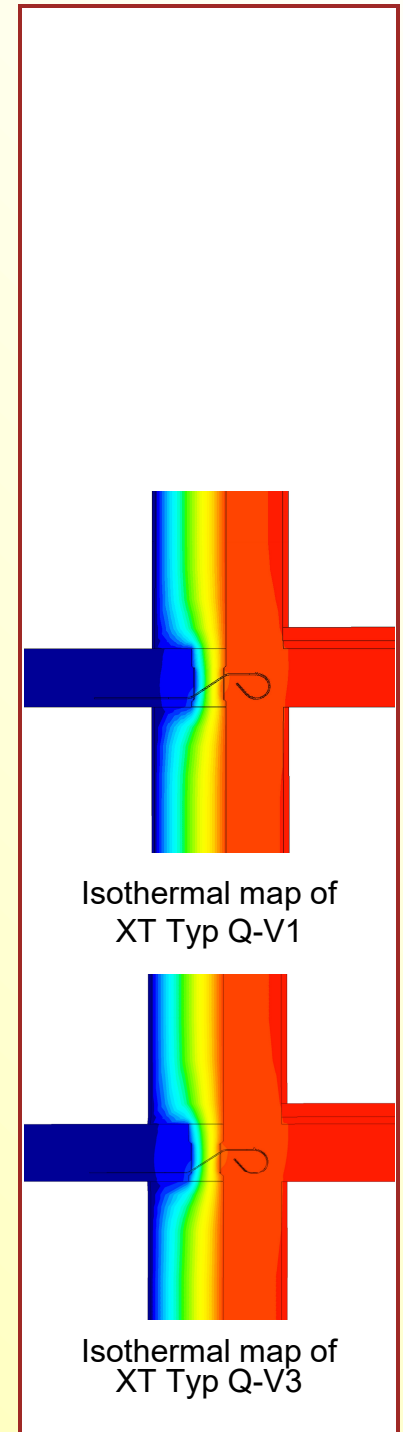
$$\theta_{i,\min} \geq 17^\circ\text{C}$$

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

Product	Slab thickness				
	160	180	200	220	250
XT Typ Q-V1	0.069	0.072	0.079	0.084	-
XT Typ Q-V3	0.078	0.079	0.080	0.086	-

* 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.

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cool, temperate climate



CERTIFIED COMPONENT

Passive House Institute