

# 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® 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.

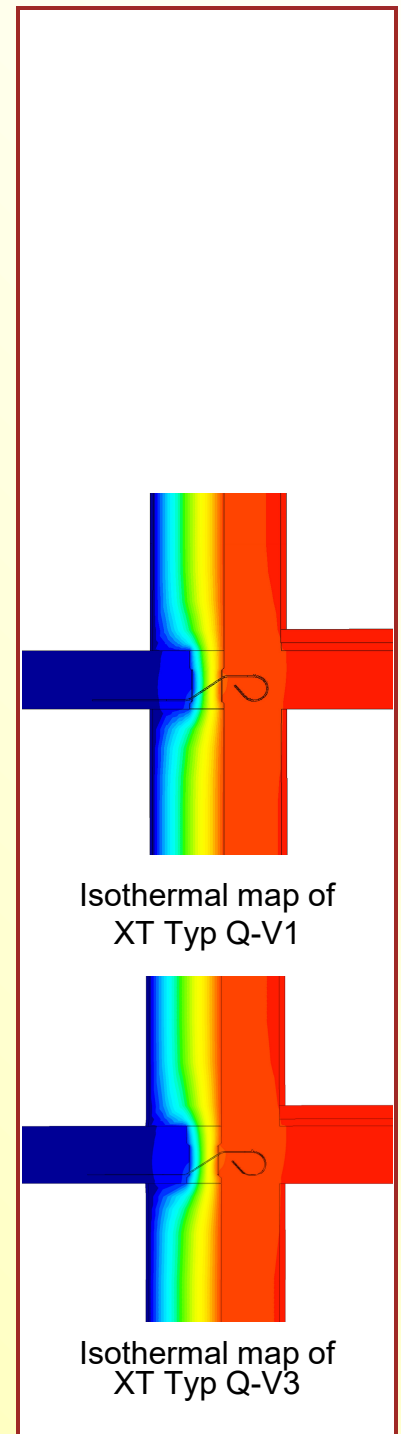
$$\theta_{i,\min} \geq 17^\circ\text{C}$$

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

Product	Slab thickness				
	160	180	200	220	250
<b>XT Typ Q-V1</b>	0.069	0.072	0.079	0.084	-
<b>XT Typ Q-V3</b>	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.

[www.passivehouse.com](http://www.passivehouse.com)



cool, temperate climate



**CERTIFIED COMPONENT**

Passive House Institute