

# Certificate

## Certified Passive House Component

for cool, temperate climate, valid until 31.12.2024

Passive House Institute  
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Category: **Balcony connection**  
**Slab thickness 160 - 200 mm**

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

Product name: **Schöck Isokorb®**  
**CXT Typ K - REI120**

The following criteria were used in awarding this certificate:

### Efficiency Criterion

In two typical applications\*, the construction fulfills the requirement of

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

### Comfort Criterion

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

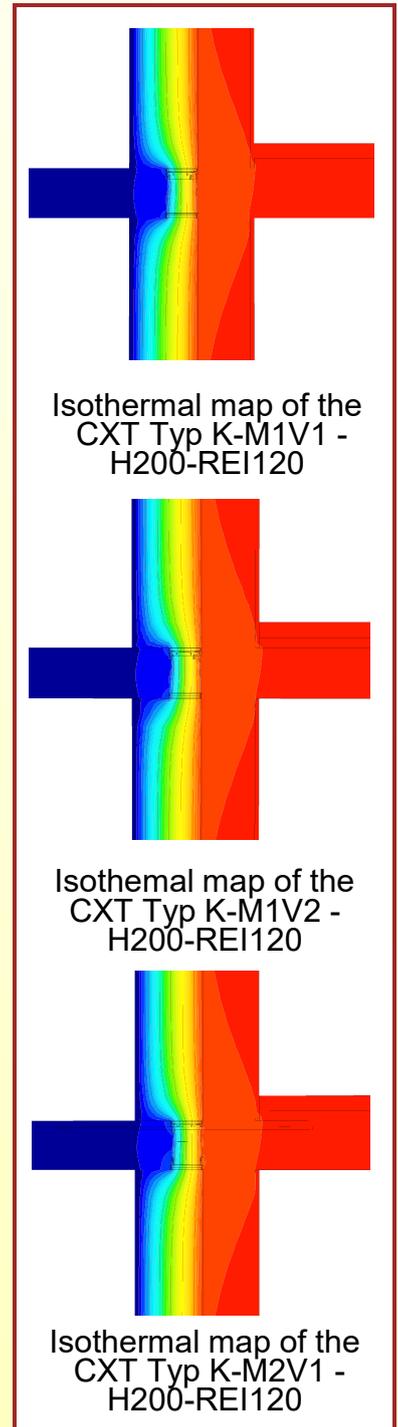
$$\theta_{i,\min} \geq 17^\circ\text{C}$$

Following heat transmission coefficients  $\psi$  [W/(mK)] and have been validated:

Product	Slab thickness [mm]	$\psi$ [W/(mK)]	$\theta_{i,\min}$ [°C]
CXT Typ K-M1V1-REI120	200	0.093	19.06
CXT Typ K-M1V2-REI120	200	0.100	19.02
CXT Typ K-M2V1-REI120	200	0.097	19.06

\* 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)



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**CERTIFIED COMPONENT**

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