

Certificate

Certified Passive House Component

for cool, temperate climate, valid until 31.12.2019

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
GERMANY

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

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

Comfort Criterion

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

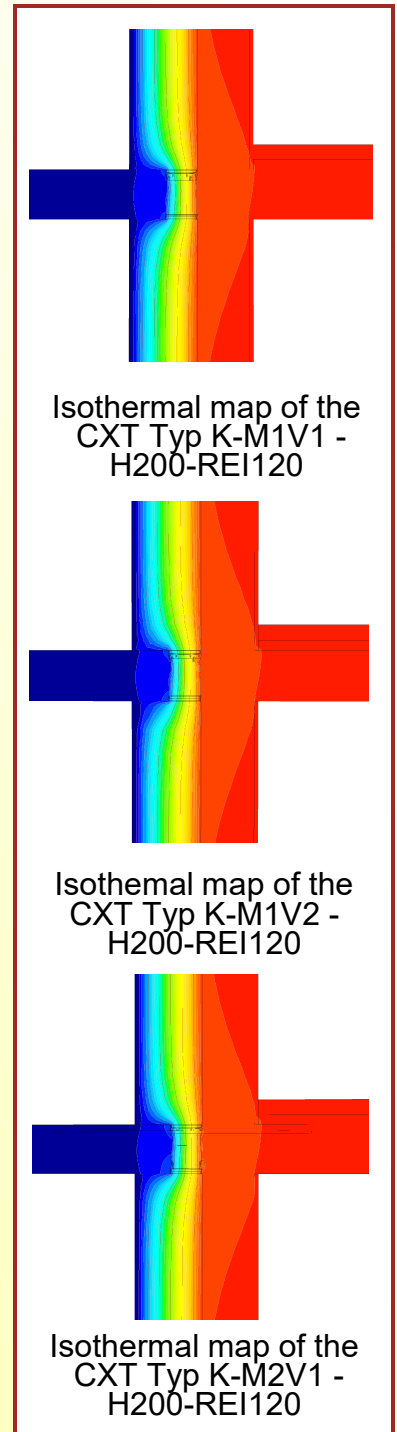
$$\theta_{i,\min} \geq 17^\circ\text{C}$$

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

Product	Slab thickness [mm]	ψ [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.

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CERTIFIED COMPONENT

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