

Certificate

Certified Passive House Component

for cool, temperate climate, valid until 31.12.2018

Passive House Institute
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GERMANY

Category: **Balcony connection**
Slab thickness 160 - 200 mm

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

Product name: **Schöck Isokorb®**
Typ KXT-Combar-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.

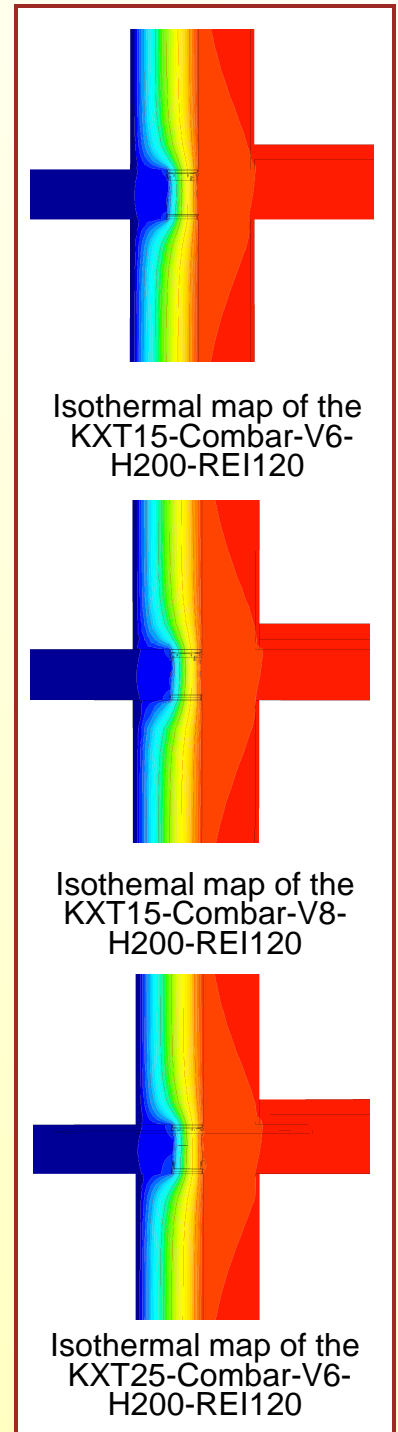
$$\theta_{i,\min} \geq 17^\circ\text{C}$$

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

Product	slab thickness [mm]			
	180	200	220	250
KXT15-Combar-V6-REI120	-	0.093	-	-
KXT15-Combar-V8-REI120	-	0.100	-	-
KXT25-Combar-V6-REI120	-	0.097	-	-

* 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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