


Certificate

valid until 31.12.2024

 **Passivhaus
Institut**
Rheinstraße 44/46
D-64283 Darmstadt

Balcony connection

Low Energy Component

**Schöck Isokorb®
CXT Typ K - REI120
160 - 250 mm slab thickness**

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

The following criteria were used in awarding this certificate:

Efficiency Criterion

In two typical applications^{*)}, the construction is

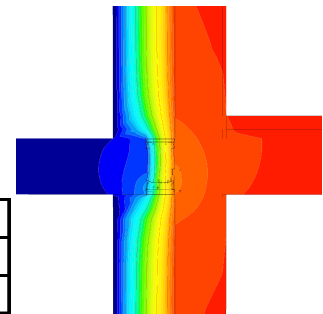
$$\Delta U_{WB} < 0.025 \quad \text{W/(m}^2\text{K)}$$

Comfort Criterion

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

$$\theta_{i,min} > 17.00 \quad \text{°C}$$

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



Isothermal map of the
CXT Typ K-M10V2-H250-
REI120

Product	slab thickness [mm]			
	180	200	220	250
CXT Typ K-M8V2-REI120	-	0.166	-	-
CXT Typ K-M9V2-REI120	-	0.185	-	-
CXT Typ K-M10V2-REI120	-	0.190	-	0.198

^{*)} The criterion was validated on both, a row house and an apartment dwelling (according to criteria "balcony connection" v2.1.1). The certificate includes types with minor statical performance. The thermal bridge coefficient can be approximated by linear interpolation

