


# Certificate

valid until 31.12.2019

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## Balcony connection

suitable for connections with fire protection requirements

**Low Energy  
Component**

**Schöck Isokorb® Type KXT-REI  
160-250mm slab thickness**

**Manufacturer: Schöck Bauteile GmbH  
Vimbucher Str. 2 76354 Baden-Baden**

The following criteria were used in awarding this certificate:

### Efficiency Criterion

In two typical applications<sup>\*)</sup>, the construction is

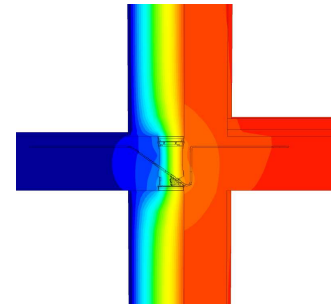
$$\Delta U_{WB} < 0,025 \quad \text{W}/(\text{m}^2\text{K})$$

### Comfort Criterion

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

$$\theta_{i,min} > 17,00 \quad ^\circ\text{C}$$

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



Isothermal map of  
KXT50-VV-REI120

Product	Slab thickness				
	160	180	200	220	250
KXT30-V6-REI120	-	0.132	-	-	-
KXT50-V8-REI120	-	-	-	0.179	-
KXT50-VV-REI120	-	-	-	0.207	0.216

<sup>\*)</sup> 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. The thermal bridge  
coefficient can be approximated by linear interpolation

