Certificate

valid until 31.12.2023

Passivhaus Institut
Rheinstraße 44/46
D-64283 Darmstadt

Balcony connection

Low Thermal Bridge Construction

Schöck Isokorb®T Typ SQ und SK 220 mm 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*), the construction achieves the requirement of

$$\Delta U_{WB} < 0.025 \text{ W/(m²K)}$$

Comfort Criterion

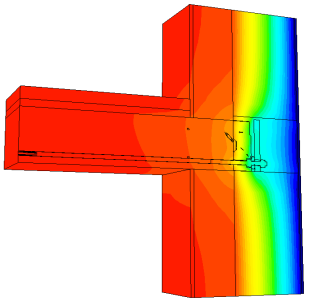
The inner surface must be warm enough to prevent mould as well as uncomfortable down-drought and radiation losses.

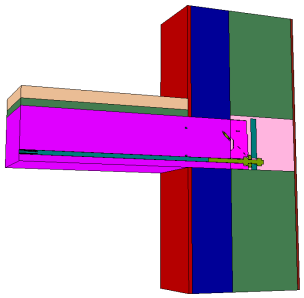
$$\theta_{i,min} > 17.00 \text{ °C}$$

Following heat transmission coefficients (Ψ [W/(mK)])

Schöck Isokorb® Type	Min. temperature of the inner surface θi,min [°C]	Thermal bridge coefficient χ [W/K]
T Typ SQ-V2 220	18.67	0.081
T Typ SQ-V3 220	18.64	0.085
T Typ SK-M1V1 220	18.52	0.100
T Typ SK-MM2VV1 220	18.14	0.139

*) The criterion was validated on both, a row house and a apartment dwelling
The certificate inkludes types with minor statical performance.





PHI Low Energy Component