


# Certificate

valid until 31.12.2019

 **Passivhaus  
Institut**  
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**Low Energy  
Component:**

**Schöck Isokorb® QS and KS type  
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<sup>1)</sup>, 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.

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

**The following thermal data were determined**

Schöck Isokorb® Type	minimum temperature of the inner surface $\theta_{i,min}$ [°C]	thermal bridge coefficient $\chi$ [W/K]
QS10 220	18,67	0,081
QS12 220	18,64	0,085
KS14 V8 220	18,52	0,100
KS20 V10 220	18,14	0,139

<sup>1)</sup> The criterion was validated on both, a row house and a apartment dwelling  
The certificate includes types with minor statical performance.

