

Certificate

valid until 31.12.2019

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

**Schöck Isokorb® QS and KS type
180 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 applications¹⁾, 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.

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

The following thermal data were determined

Schöck Isokorb® Type	minimum temperature of the inner surface $\theta_{i,min}$ [°C]	thermal bridge coefficient χ [W/K]
QS10 180	18,71	0,078
QS12 180	18,67	0,081
KS14 V8 180	18,53	0,096
KS20 V10 180	18,15	0,133

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

