


# Certificate

valid until 31.12.2019

 **Passivhaus  
Institut**  
Dr. Wolfgang Feist  
Rheinstraße 44/46  
D-64283 Darmstadt

**Low Energy  
Component:**

**Schöck Isokorb® R 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

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

Comfort Criterion

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

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

**The following thermal data were determined**

Schöck Isokorb® Typ	minimum temperature of the inner surface $\theta_{i,min}$ [°C]	thermal bridge coefficient $\chi$ [W/K]
RKS 220	18,89	0,096
RQS 220	18,98	0,080

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

