


# Certificate

valid until 31.12.2018

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

**Facade anchor  
StoR 1,5 and 2,5**

**Hersteller: StoVerotec GmbH  
89415 Lauingen/Donau GERMANY**

**The following criteria were used in awarding this certificate:**

Efficiency Criterion

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

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

Comfort Criterion

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

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

**The following thermal data were determined:**

Type	Component ID	thermal bridge coefficient $\chi$ [W/K]	minimum temperature of the inner surface $\theta_{i,min}$ [°C]
StoR 1,5 fixed point	0248fa03	0,0096	19,40
StoR 1,5 sliding point		0,0067	19,45
StoR 2,5 fixed point	0249fa03	0,0147	19,32
StoR 2,5 sliding point		0,0103	19,39

*System design* Sto-frame dowel + Sto-thermal blocking element + Sto- wall bracket stainless steel 1,5 or 2,5 mm + Sto-facade self-drilling screw + Sto-aluminium t-profile

\* The criterion was validated on both, a row house and a school building

