


Certificate

valid until 31.12.2019

 **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^{*)}, 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 χ [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

