

Certificate

Certified Passive House component

for cool, temperate climate, valid until 31.12.2018

Passive House Institute
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Category: **Facade anchor**
Manufacturer: **StoVerotec GmbH**
Product name: **89415 Lauingen/Donau GERM StoP**

The following criteria were used in awarding this certificate:

Efficiency Criterion

In two typical applications*, the construction is

$$\Delta U_{WB} \leq 0.010 \text{ W/(m}^2\text{K)}$$

Comfort Criterion

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

$$\theta_{i,\min} \geq 17^\circ\text{C}$$

Thermal data

Sto StoP	Component ID	thermal bridge coefficient χ [W/K]	minimum inner surface temperature $\theta_{i,\min}$ [°C]
Fixed point	0247fa03	0.0065	19.45
Slidig point		0.0064	19.36
Double sl. p.		0.0065	19.22

System design Sto-frame dowel + Sto-thermal blocking element + Sto-wall bracket PH + Sto-thermal sliding element + Sto-facade self-drilling screw + Sto-aluminium t-profile

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

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