

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: **SYSTEPA Pohl GmbH**
24558 Henstedt-Ulzburg, GERMANY
 Product name: **Beta Universal II**

The following criteria were used in awarding this certificate:

Efficiency Criterion

In two typical applications*, the construction fulfills the requirements of

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

Comfort Criterion

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

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

Thermal data of the certified component

Beta Universal II	thermal bridge coefficient χ [W/K]	minimum inner surface temperature $\theta_{i,\min}$ [°C]
H-,Z- Anchor	0.0042	19.44
H- Anchor	0.0025	19.45
H-,S-,Z- Anchor	0.0051	19.39
H-,S- Anchor	0.0042	19.44

Validation reference buildings	Row House	School building
ΔU [W/m ² K]	0.0043	0.0050

*The criterion has been validated with two representative buildings a row house and a school building.

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