

Certificate

Certified Passive House component

for cool, temperate climate, valid until 31.12.2019

Category: **Facade anchor**
 Manufacturer: **Systea Pohl GmbH**
24588 Henstedt-Ulzburg
 Product name: **Edelstahlhalter**

The following criteria were used in awarding this certificate:

Efficiency Criterion

In a typical application*, 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.

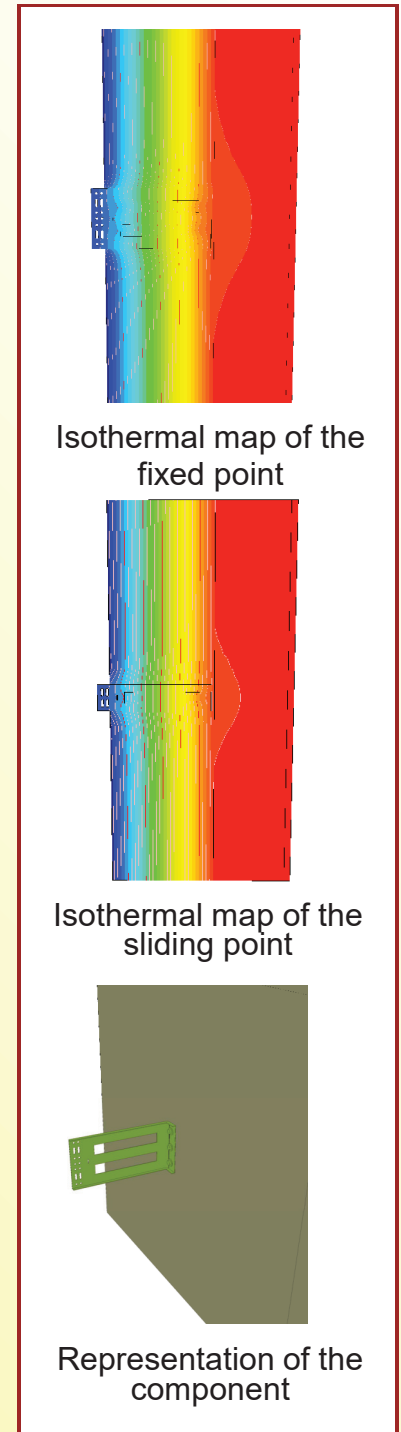
$$\theta_{i,min} \geq 17^\circ\text{C}$$

Thermal data of the certified component

Systea Edelstahlhalter	thermal bridge coefficient χ [W/K]	minimum inner surface temperature $\theta_{i,min}$ [°C]
Fixed point	0.0093	19.38
Sliding point	0.0050	19.42

Validation reference building	Reference facade school building
ΔU [W/m ² K]	0.0093
Estimated facade weight for the certification:	28kg/m ²

* The criterion has been validated with a representative facade of a school building



Isothermal map of the fixed point

Isothermal map of the sliding point

Representation of the component

cool, temperate climate



CERTIFIED COMPONENT

Passive House Institute