

# Certificate

## Certified Passive House component

for cool, temperate climate, valid until 31.12.2018

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 $\chi$ [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
$\Delta U$ [W/m <sup>2</sup> K]	0.0093
Estimated facade weight for the certification:	28kg/m <sup>2</sup>

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

