

Certificate

Certified Passive House component
for cool, temperate climate, valid until 31.12.2025

Passive House Institute
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Category: **Facade anchor**
Manufacturer: **SYSTEA GmbH**
24558 Henstedt-Ulzburg, GERMANY
Product name: **Systea-Tekofix Wandkonsole**

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-drafts and radiation losses.

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

Thermal data of the certified component

Systea-Tekofix Wandkonsole	thermal bridge coefficient	minimum inner surface temperature
	χ [W/K]	$\theta_{i,min}$ [°C]
Sliding point / fixed point H300	0.0026	19.45
Sliding point / fixed point H200	0.0017	19.46
Sliding point / fixed point H100	0.0009	19.47

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

