

Certificate

Certified Passive House component

for cool, temperate climate, valid until 31.12.2025

Passive House Institute
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GERMANY

Category: **Facade anchor**
 Manufacturer: **BWM Fassadensysteme GmbH**
70771 Leinfelden- Echterdingen
 Product name: **ZeLa bracket**
with stainless steel guide bar

The following criteria were used in awarding this certificate:

Efficiency Criterion

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

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

Comfort Criterion

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

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

Thermal data of the certified component

ZeLa	thermal bridge coefficient	minimum inner surface temperature
	χ [W/K]	$\theta_{i,\min}$ [°C]
Fixed point	0.0101	19.34
Sliding point	0.0065	19.39
Fixed point small	0.0065	19.39

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

