

# Certificate

## Certified Passive House component

for cool, temperate climate, valid until 31.12.2021

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
	$\chi$ [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.

