

Certificate

Certified Passive House component

for cool, temperate climate, valid until 31.12.2018

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
GERMANY

Category: **Facade anchor**
Manufacturer: **BWM Dübel- und Montagetechnik GmbH**
70771 Leinfelden- Echterdingen
Product name: **ZeLa - Click**

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-draught and radiation losses.

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

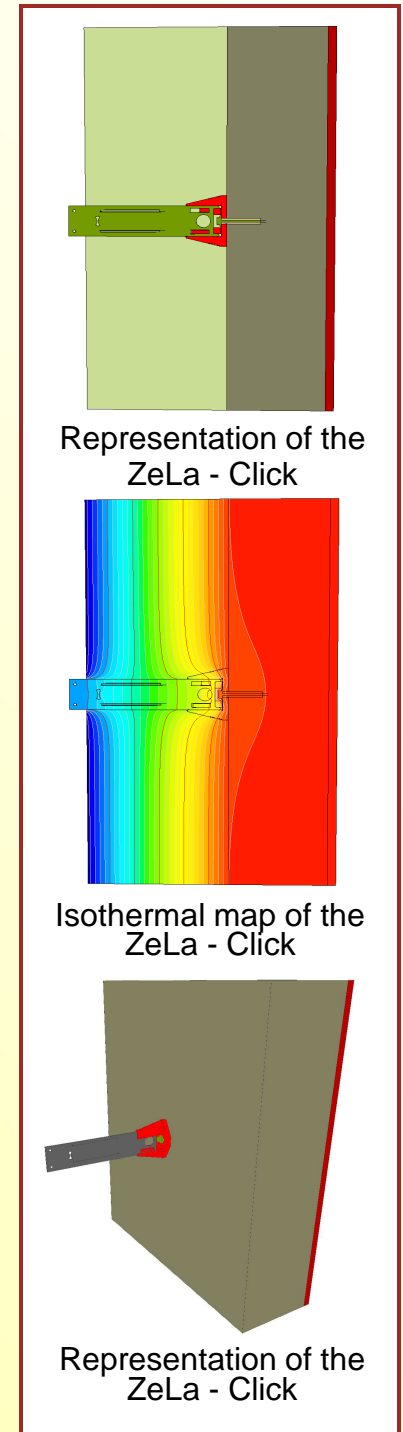
Thermal data of the certified component

BWM ZeLa - Click	thermal bridge coefficient χ [W/K]	minimum inner surface temperature $\theta_{i,\min}$ [°C]
non corrosive steel	0.0055	19.41

Validation reference buildings	Row House	School building
ΔU [W/m ² K]	0.0069	0.0053

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

www.passivehouse.com



cool, temperate climate



CERTIFIED COMPONENT

Passive House Institute