# Certificate

**Certified Passive House component** for cool, temperate climate, valid until 31.12.2015

**Facade** anchor Category: Manufacturer: **BWM Dübel- und Montagetechnik GmbH** 70771 Leinfelden- Echterdingen **BWM** - Thermokonsole

Product name:

The following criteria were used in awarding this certificate:

#### **Efficiency Criterion**

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

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

#### **Comfort Criterion**

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

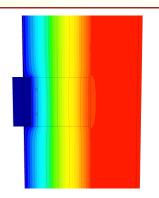
## θ<sub>i,min</sub> ≤ 17°C

#### Thermal data of the certified component

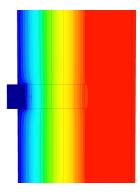
BWM Thermo- konsole	thermal bridge coefficient	minimum inner surface temperature
	χ [W/K]	θ <sub>i,min</sub> [°C]
Sliding point / fixed point H300	0.0026	19.45
Sliding point / fixed point H200	0.0017	19.46
Sliding point / fixed point H100	0.0009	19.47

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

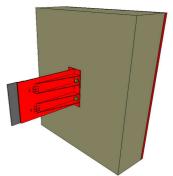
Passive House Institute Dr. Wolfgang Feist 64283 Darmstadt GERMANY



Isothermal map of the fixed point H200



#### Isothermal map of the sliding point H100



Representation of the fixed point H200



www.passivehouse.com