

Certificate

Certified Passive House component

for cool, temperate climate, valid until 31.12.2016

Passive House Institute
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GERMANY

Category: **Facade anchor**
 Manufacturer: **BWM Dübel- und Montagetechnik GmbH**
70771 Leinfelden- Echterdingen
 Product name: **ATK601N**

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.

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

Thermal data of the certified component

BWM ATK601N	thermal bridge coefficient	minimum inner surface temperature
	χ [W/K]	$\theta_{i,min}$ [°C]
non corrosive steel	0.0054	19.40

Validation reference buildings	Row House	School building
ΔU [W/m ² K]	0.0054	0.0051

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

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