

Certificate

Certified Passive House component

for cool, temperate climate, valid until 31.12.2021

Passive House Institute
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Category: **Facade anchor**
 Manufacturer: **BWM Fassadensysteme GmbH**
70771 Leinfelden- Echterdingen
 Product name: **ATK 601**

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-drafts and radiation losses.

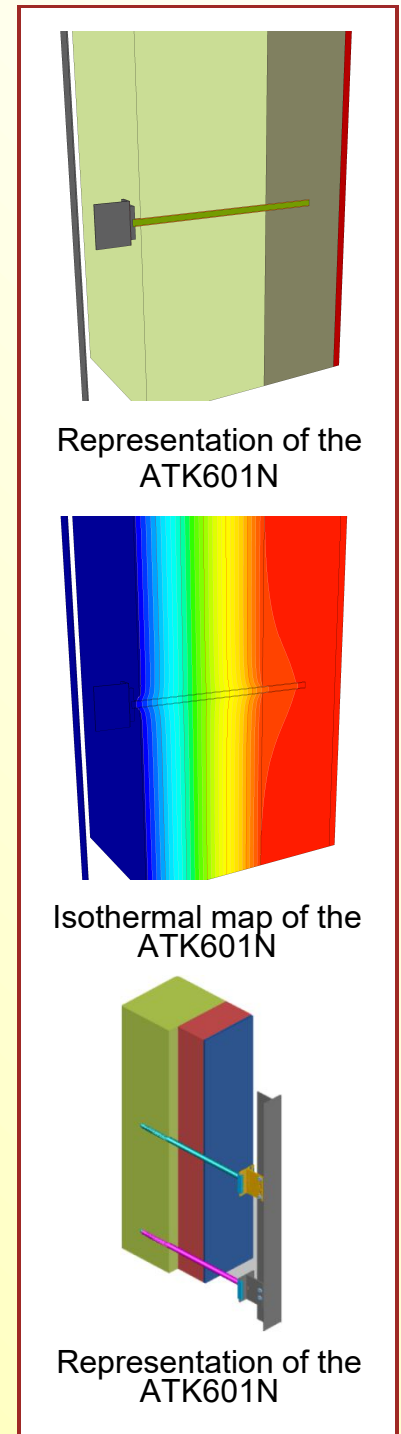
$$\theta_{i,\min} \geq 17^\circ\text{C}$$

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/m²K]	0.0054	0.0051

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



Representation of the
ATK601N

Isothermal map of the
ATK601N

Representation of the
ATK601N

cool, temperate climate



**CERTIFIED
COMPONENT**

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