Certificate

Certified Passive House component
for cool, temperate climate, valid until 31.12.2025

Passive House Institute
64283 Darmstadt
GERMANY

Category: **Facade anchor**
Manufacturer: **Slavonia Baubedarf GmbH**
A-1110 Wien, AUSTRIA
Product name: **SPIDImax**

The following criteria were used in awarding this certificate:

Efficiency Criterion

In a typical application*, the construction fulfills the requirements of

Eff.fa ≤ 0.200 W/(kNK)

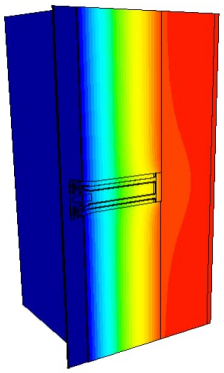
Comfort Criterion

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

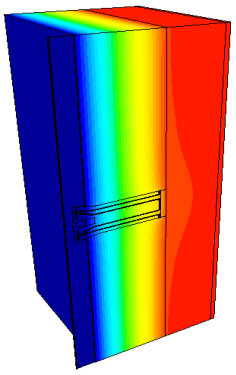
$\theta_{i,min}$ ≥ 17°C

Thermal data of the certified component

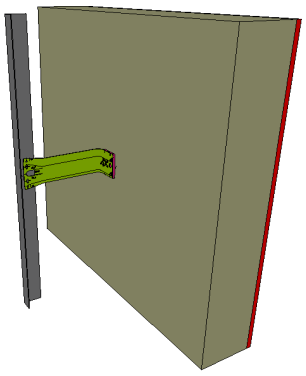
SPIDImax	Thermal bridge coefficient χ [W/K]	Minimum interior surface temperature $\theta_{i,min}$ [°C]
Fixed point 2 mm	0.0112	19.34
Sliding point 1.5mm	0.0087	19.37



Isothermal map fixed point



Isothermal map sliding point



Representation

cool, temperate climate

phB

CERTIFIED COMPONENT
Passive House Institute

* The criterion has been validated with a representative facade of a school building

www.passivehouse.com

2361fa03

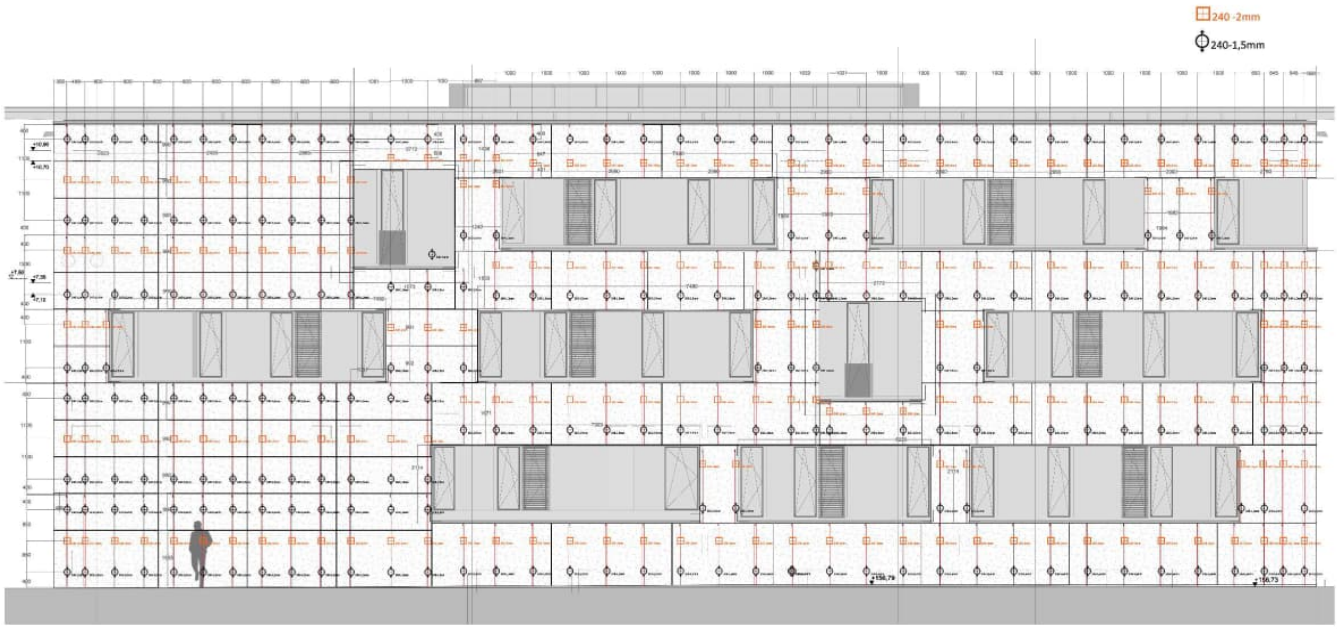
Data sheet Slavonia Baubedarf GmbH, SPIDImax

Manufacturer Slavonia Baubedarf GmbH
Hauffgasse 3-5, A-1110 Wien, Österreich
http://www.slavonia.com/

Criteria validated based on reference facade	**ΔU [W/m²K]**
SPIDImax	**0.0133**

In order to validate the suitability, the manufacturer provides a statical calculation and an associated installation plan for the reference facade.
The calculations are carried out for a reference facade with 24 cm insulation (0.035 W/(mK)).

	Energy efficiency	ΔU	Quantity / m²		Loadclass
Type	[W/(kNK)]	[W/m²K]	**FP**	**SP**	[kN/m²]
SPIDImax	0.0416	0.0133	0.61	0.75	0,35



Installation-plan reference facade of the certified component

Load-class (LC)	Facade cladding	Facade weight [kN/m²]	Efficiency criterion fulfilled?
I	Aluminium laminated	0.10	yes
II	ACM	0.15	yes
III	Fiber-cement plates	0.20	yes
IV	Acrylic glass	0.25	yes
V	Ceramics	0.30	yes
VI	Stone	< 0.32	yes

The classification criteria and the load class allocation can be found in the current criteria "Certified Passive House components – Facade anchors, Version 2.1, 27.05.2021".