

Certificate

Certified Passive House component

For cool temperate climates, valid until 31 December 2017

Category: **Entry door**
Manufacturer: **pro Passivhausfenster GmbH**
83080 Oberaudorf, Germany

Product: **smartwin entrance**

This certificate was awarded based on the following criteria:

Heat losses through the installed entry door:

U-value of the installed door (1.10 m wide by 2.20 m tall):

$$U_{D,installed} = 0.52 \text{ W}/(\text{m}^2\text{K}) \leq 0.80 \text{ W}/(\text{m}^2\text{K})$$

Provided that the installation is carried out according to the certification report, available from the manufacturer.

U-value before installation: $U_D = 0.45 \text{ W}/(\text{m}^2\text{K})$.

The U_D und $U_{D,installed}$ values apply to a door with no glazing.

Airtightness:

Airtightness class 3 according to EN 12207.

The airtightness criterion has been fulfilled.

The airtightness test according to EN 1026 was carried out taking into account a maximal deformation of the door leaf, as per EN 1121.

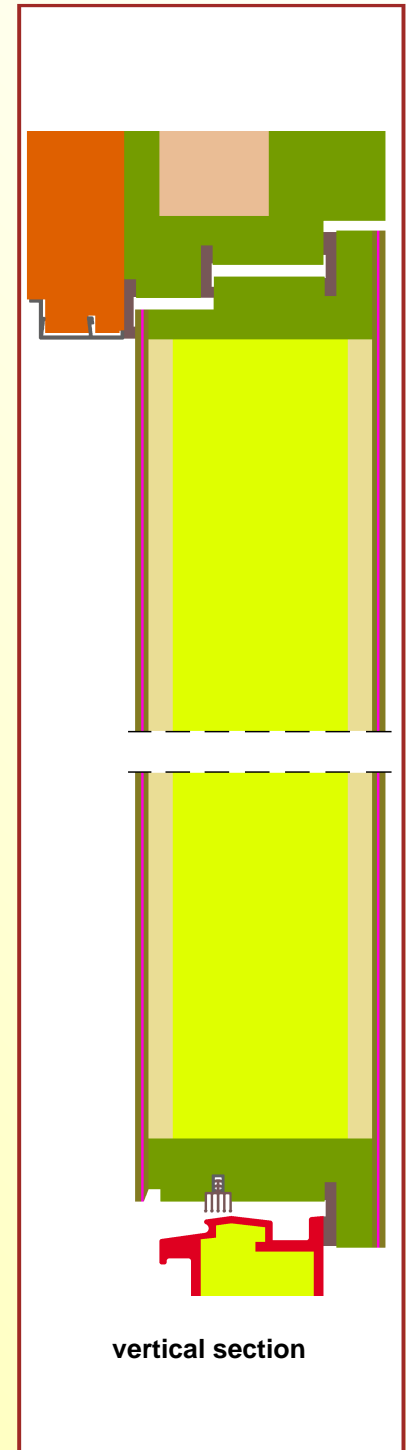
U-value entry door: $U_D = 0.45 \text{ W}/(\text{m}^2\text{K})$

For further information, please see data sheet.

www.passivehouse.com

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vertical section



**CERTIFIED
COMPONENT**

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