

Certificate

Certified Passive House component

For cool temperate climates, valid until 31 December 2017

Passive House Institute
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Category: **Entry door with glazing**
Manufacturer: **Topic GmbH**
4152 Sarleinsbach, Austria

Product: **Topic Passivhaustür**

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):

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

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

U-value before installation: $U_D = 0.75 \text{ W/(m}^2\text{K)}$.

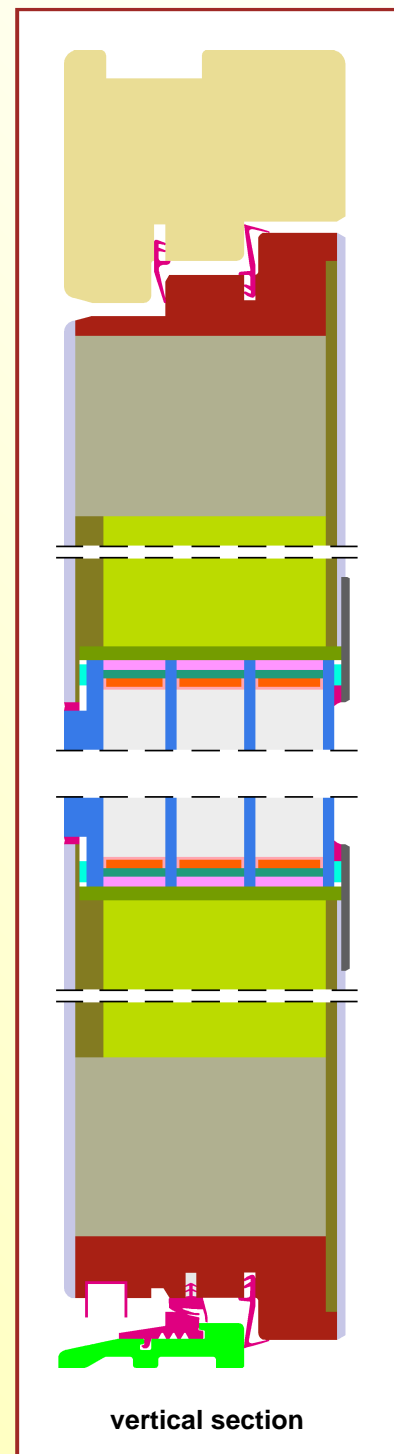
The U-values were calculated based on **glazing with $U_g = 0.55 \text{ W/(m}^2\text{K)}$** in accordance with EN 673 and the spacer "TGI Spacer". The glass pane should have a maximum area of 0.42 m² (57 x 73 cm) or a maximum circumference of 3.84 m (13 x 179 cm).

Airtightness:

Airtightness class 4 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
including the above mentioned
glazing with $U_g = 0.55 \text{ W/(m}^2\text{K)}$

$$U_D = 0.75 \text{ W/(m}^2\text{K)}$$

For further information, please see data sheet.

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**CERTIFIED
COMPONENT**

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