

# Certificate

## Certified Passive House component

For cool temperate climates, valid until 31 December 2017

Category: **Entry door**  
Manufacturer: **Sturm GmbH**  
**5091 Unken, Austria**

Product: **Clima Top Plus**

### 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):

$$U_{D, \text{installed}} = 0.69 \text{ W/(m}^2\text{K)} \leq 0.80 \text{ W/(m}^2\text{K)}$$

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

U-value before installation:  $U_D = 0.64 \text{ W/(m}^2\text{K)}$ .

The  $U_D$  und  $U_{D, \text{installed}}$  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:  $U_D = 0.64 \text{ W/(m}^2\text{K)}$**

For further information, please see data sheet.

