

Certificate

Certified Passive House component

For cool temperate climates, valid until 31 December 2017

Passive House Institute
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Category: **Entry door**

Manufacturer: **Moralt AG, 83734 Hausham, Germany**

Product: **Moralt OutDoor FERRO Passiv**

Moralt OutDoor FERRO Passiv Klima (without graphic)

Moralt OutDoor FERRO Passiv KlimaSoft (without graphic)

Moralt OutDoor FERRO FireSafe Passiv (without graphic)

Moralt OutDoor FERRO Akustik Passiv (without graphic)

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: $U_D = 0.78 \text{ W/(m}^2\text{K)}$.

The U-values U_D and $U_{D, \text{installed}}$ apply to an entry door with no glazing and are valid for all the above mentioned products.

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: $U_D = 0.78 \text{ W/(m}^2\text{K)}$

For further information, please see data sheet.

