

# 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: **Ekstrands Dörrar och Fönster AB**  
**28350 Osby,**  
**Sweden**  
  
Product: **Passiv 91 with glass**

**This certificate was awarded based on the following criteria for the cool, temperate climate zone:**

### Heat losses:

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

$$U_D = 0.77 \text{ W/(m}^2\text{K)} \leq 0.80 \text{ W/(m}^2\text{K)}$$

$$U_{D,\text{installed}} \leq 0.85 \text{ W/(m}^2\text{K)}$$

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

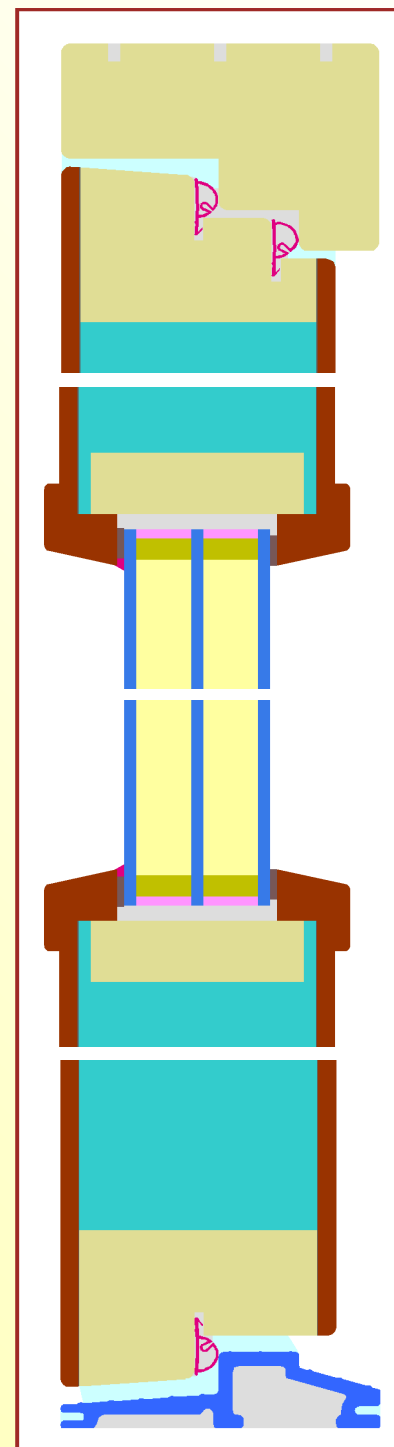
The U-values were calculated based on **glazing with  $U_g = 0.53 \text{ W/(m}^2\text{K)}$**  in accordance with EN 673 and the spacer Chromatech Ultra F. Glass size: 0.65 m x 1.49 m

### Airtightness:

Airtightness class 4 according to EN 12207.

**The airtightness criterion has been met.**

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



cool, temperate climate



**CERTIFIED  
COMPONENT**

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