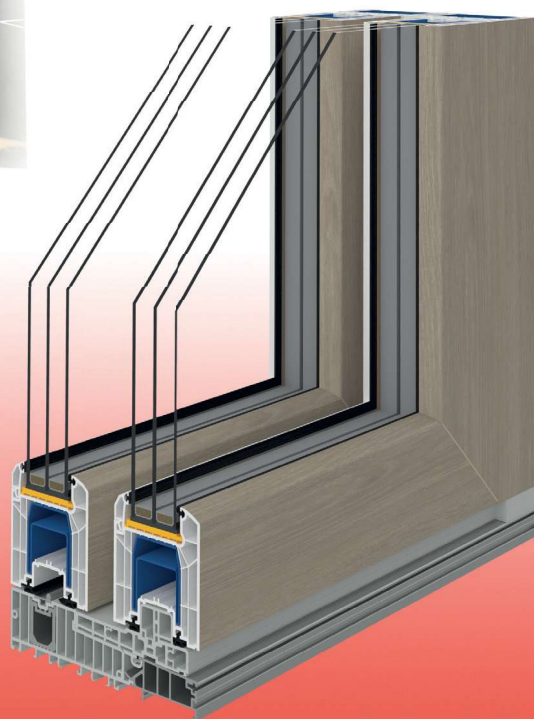
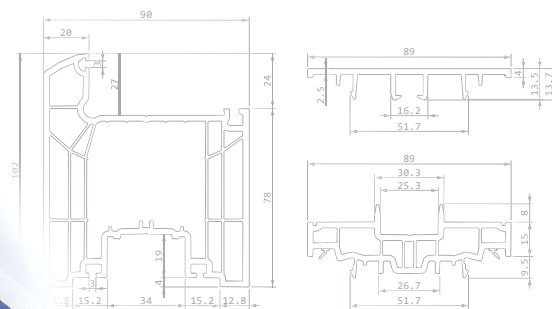
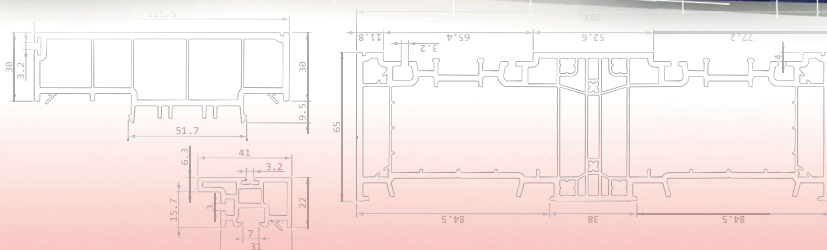


HORIZONT PS®



HORIZONT PS® HST Fusion

Plastic lift-and-slide doors made from the five-chamber HORIZONT PS HST FUSION profile system. They are the ideal solution for access to a terrace, balcony, or garden. They feature smooth operation, high tightness, and an elegant design that fits into any interior.



Five-chamber plastic door: HORIZONT PS FUSION

Frame construction width: 207 mm

Sash construction width: 90 mm

Wall thickness of main profiles according to EN 12 608: min. 2.8 mm, class A

Heat transfer of frame assembly: $U_f = 1,27 \text{ W}/(\text{m}^2 \cdot \text{K})$

The profile system provides excellent thermal insulation and, with the appropriate glazing, meets even the most demanding requirements.



Achievable heat transfer of the door:

$U_d = 0,97 - 0,91$
 $\text{W}/(\text{m}^2 \cdot \text{K})$



Glazing options:

Insulating glass units with
 $U_g = 0,6 - 0,5 \text{ W}/(\text{m}^2 \cdot \text{K})$

Possible noise protection of glazing units:

$R_w = 36 - 46 \text{ dB}$



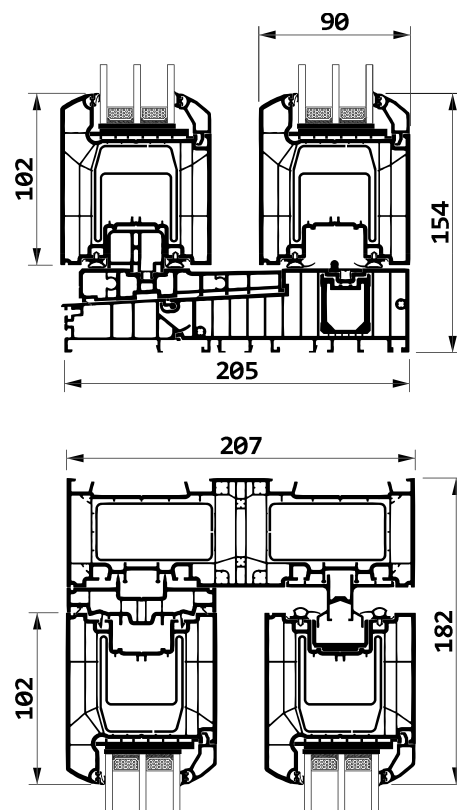
Lead-free composition of PRO Nature profiles.

*Main sections are listed of the following sheet.

Technical specifications

Lift-and-slide door assembly

Frame construction width	207 mm
Sash construction width	90 mm
Number of sealing planes	2
Number of chambers in frame	7
Number of chambers in sash	5
Maximum glazing thickness	56 mm
Walls thickness	min. 2.8 mm, class A
Frame heat transfer coefficient	$U_f = 1,27 \text{ W}/(\text{m}^2.\text{K})$
Glazing heat transfer coefficient	$U_g = 0,60 \text{ W}/(\text{m}^2.\text{K})$
Direct air sound insulation	$R_w = 46 \text{ dB}$
Door heat transfer coefficient	$U_d = 0,97 \text{ W}/(\text{m}^2.\text{K})$



Colour options

STANDARD COLOURS

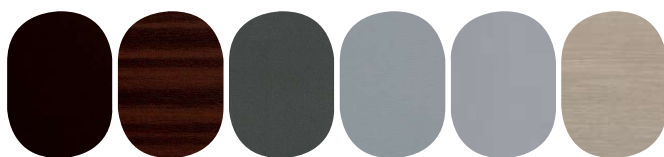


Golden oak Dark oak Anthracite gray Walnut Cherry



Dark red Douglas Light oak Natural oak Dark green Moss green

NON-STANDARD COLOURS



Chocolate Sapeli Alux DB 703 Gray Aluminium Sheffield oak light



Walnuss curcuma Creamy white Siena PR



Basalt Gray Smooth athracite Winchester XA Turner oak malt Turner oak toffee

COLOURS TO ORDER