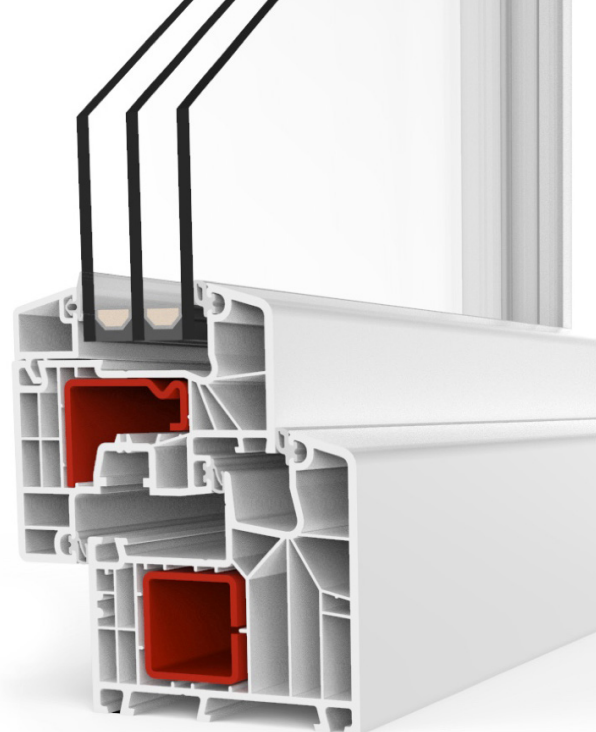


## DATA SHEET

# Tilt & slide patio door IDEAL 8000

U<sub>w</sub>-Value  
≥ 0.80



- Offset design
- 85 mm construction depth
- 6-chamber profile with 3 seals

### Energy saving through new windows

U <sub>w</sub> value (old)	3.50 W/(m <sup>2</sup> K)
U <sub>w</sub> value (new)	0.80 W/(m <sup>2</sup> K)
Window area	30 m <sup>2</sup>
Annual fuel oil savings	1082 litres
Annual carbon dioxide reduction	2,922 kg

### Explanation

Heating degree days	4,050
Conversion factor kilogram into litres of heating oil	1.19
Conversion of calorific value Wh/kg	11,800
Heating efficiency	0.75

### SAFETY EQUIPMENT / FITTING

#### BASIS:

- Fitting with 3 locking plates
- 3-dimensionally adjustable
- Malfunction lock
- Max. sash weight 130 kg

#### OPTIONAL:

- Safety levels: RC1, RC2, according to EN 1627-1630
- High Control (magnetic contact for electronic monitoring)
- Integrated door lock, lockable from inside and outside
- Lock monitoring according to VDI

### COLOURS

- White
- Decor according to current price list according to colour range uPVC

### SOUND INSULATION

Window RwP up to 44 dB

### GLASS THICKNESS

To 51 mm

### SEALS

- Centre sealing system
- 3 sealing levels
- Possible colours:
  - Papyrus white or black for decor



## SYSTEM VALUES

- Air permeability: Class 3 (according to EN 12207)
- Driving rain-proof: Class 4A (according to EN 12208)
- Water tightness against driving rain:  
Class B3 (according to EN 12210)

### Please note:

The classes given here are minimum classes. For higher requirements please consult us.

## THERMAL INSULATION

- Reference size 1230 x 1480 mm
- $U_f = 1.0 \text{ W/(m}^2\text{K)}$
- Minimum requirement according to GEG2020  $U_w = 1.3 \text{ W/(m}^2\text{K)}$
- PHT = suitable for passive houses

$U_g$ Glass (W/m <sup>2</sup> K) according to EN 673	$U_w$ window (W/m <sup>2</sup> K) Type of edge spacer		
	Aluminium	KSH / KSD	Swisspacer Ultimate
<b>Double glazing</b>	Psi = 0.066 (W/mK)	Psi = 0.041 (W/mK)	Psi = 0.032 (W/mK)
1.1	1.23	1.17	1.15
1.0	1.16	1.10	1.08
<b>Triple glazing</b>	Psi = 0.064 (W/mK)	Psi = 0.039 (W/mK)	Psi = 0.030 (W/mK)
0.8	1.02	0.96	0.94
0.7	0.95	0.89	0.87
0.6	0.89	0.82	0.80
0.5	0.82	0.76 (PHT)	0.74 (PHT)

$U_w$  values < 1.0 W/(m<sup>2</sup>K) are shown with two decimal places in accordance with EN ISO 10077

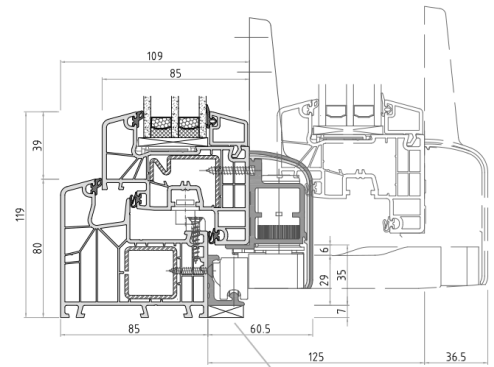
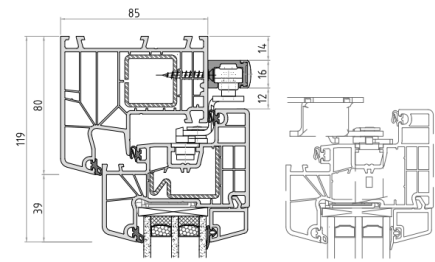
$U_w$  values > 1.0 W/(m<sup>2</sup>K) are shown with one decimal place according to EN ISO 10077, here with two decimal places for information purposes

## SOUND INSULATION

Reference size 1230 x 1480 mm  
(Elements with test certificate)

$R_w \triangleq R_{wp}$ = test value window	$R_{wr}$ = calculated value window	$R_{wp}$ = test value glass	Test certificate no.
34 dB	32 dB	32 dB	11-000823-PR01
38 dB	36 dB	36 dB	11-000823-PR01
39 dB	37 dB	38 dB	11-000823-PR01
42 dB	40 dB	41 dB	11-000823-PR01
44 dB	42 dB	45 dB	11-000823-PR01
46 dB	44 dB	48 dB	11-000823-PR01

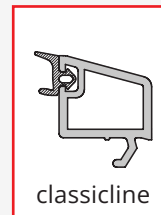
For Germany, the following applies according to DIN 4109:1989-11:  
 $R_w$  corresponds to  $R_{wp}$ ;  $R_{wr} = R_{wp} - 2\text{dB}$



IDEAL 8000 VERTICAL SECTION

## POSSIBLE GLASS STRIPS:

### STANDARD



classicline