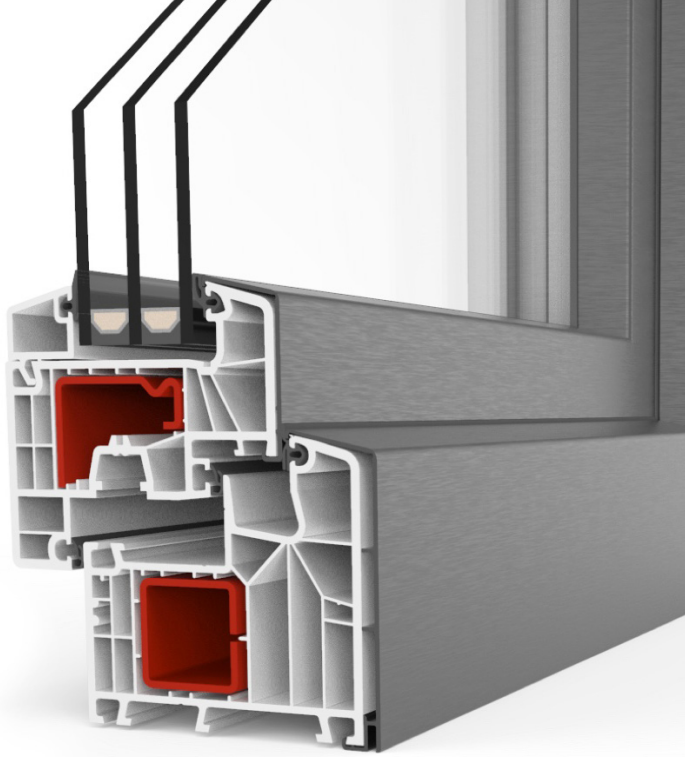
windows24.com

DATA SHEET

Tilt & slide patio door
TwinSet 8000

U_w-Value ≥ 0.80



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

Energy saving through new windows	
U_w value (old)	3.50 W/(m²K)
U_w value (new)	0.80 W/(m²K)
Window area	30 m²
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

- Interior white or decor according to current price list according to colour range uPVC
- Aluminium facing according to current aluminium colour range

SOUND INSULATION

Rw ≤ 44dB

GLASS THICKNESS

24 mm to 50 mm

SEALS

- Centre sealing system
- 3 sealing levels
- Possible colours:
  - Inside: Papyrus white, or black for decor
  - Outside: Black

ift CERTIFIED
Product quality
uPVC window
EN 14351-1 : 2006+A1:2010
Nr.: 191 8004857

ift CERTIFIED
Product quality
Break-in resistant windows
EN 1627 : 2011-RC 2
Reg - Nr.: 191 8004857

Status 01/2023

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 W/(m²K)
- Minimum requirement according to GEG2020 U_w = 1.3 W/(m²K)

U_g Glass (W/m²K) according to EN 673	U_w window (W/m²K)		
	Type of edge spacer		
	Aluminium	KSH / KSD	Swisspacer Ultimate
Double glazing	Psi = 0.066 (W/mK)	Psi = 0.041 (W/mK)	Psi = 0.032 (W/mK)
1.1	1.2 (1.23)	1.1 (1.17)	1.2 (1.15)
1.0	1.2 (1.16)	1.1	1.1 (1.08)
Triple glazing	Psi = 0.064 (W/mK)	Psi = 0.039 (W/mK)	Psi = 0.030 (W/mK)
0.7	1.0 (0.95)	0.9 (0.89)	0.9 (0.87)
0.6	0.9 (0.89)	0.8 (0.82)	0.8

U_w values < 1.0 W/(m²K) are shown with two decimal places in accordance with EN ISO 10077

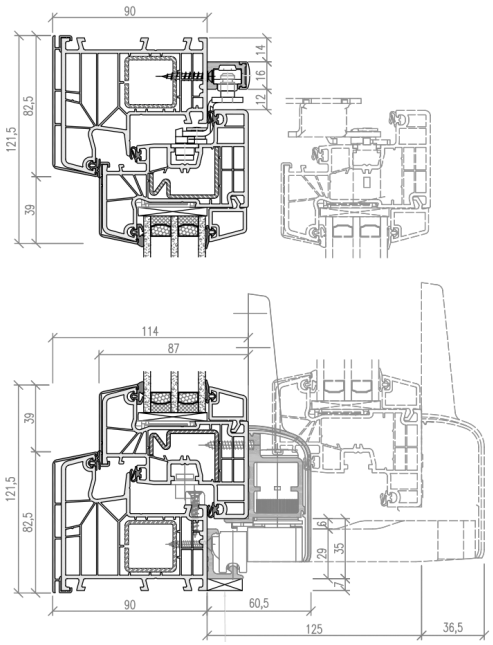
U_w values > 1.0 W/(m²K) are shown with one decimal place according to EN ISO 10077, here with two decimal places for information purposes

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

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



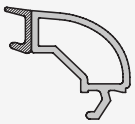
TWINSET 8000 DETAIL VERTICAL SECTION

POSSIBLE GLASS STRIPS:

STANDARD

classicline

OPTIONAL



roundline

Status 01/2023