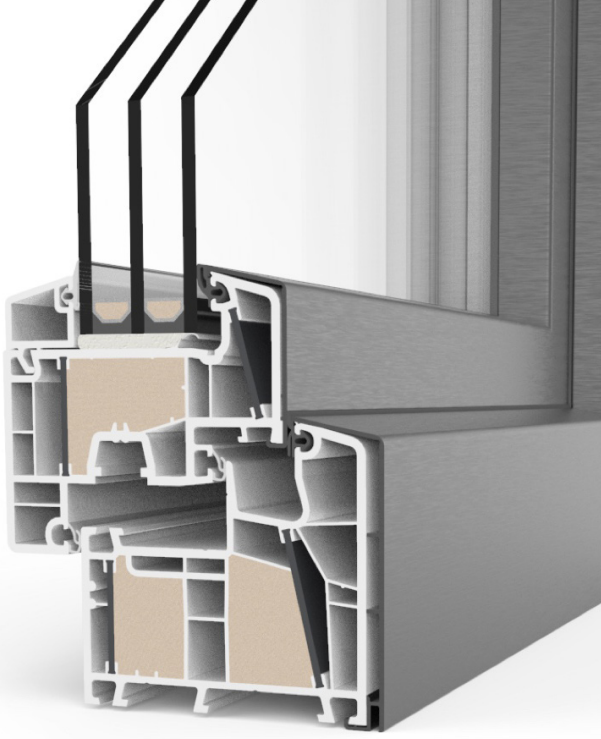
windows24.com



DATA SHEET

TwinSet 8000 ED

- **Offset design**
- **90 mm construction depth**
- **6-chamber profile with 3 seals/ Best thermal insulation values**

Uw-Value
≥ 0.73

Energy saving through new windows	
U_w value (old)	3.50 W/(m²K)
U_w value (new)	0.73 W/(m²K)
Window area	30 m²
Annual fuel oil savings	1109 litres
Annual carbon dioxide reduction	2,996 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
- Anti mishandling device
- Sash lifter
- Max. sash weight 130 kg

OPTIONAL:

- ActivPilot Comfort PAD (parallel stop fitting)
- Safety levels: RC1, RC2, according to EN 1627-1630
- SELECT fitting (concealed corner and shear bearings)
- “Tilt before Turn”
- High Control (magnetic contact for electronic monitoring)

COLOURS

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

SOUND INSULATION

Window RwP up to 41 dB

GLASS THICKNESS

To 48 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

Technical changes and errors excepted

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)

THERMAL INSULATION

- Reference size 1230 x 1480 mm
- U_f= 0.8 (0.79) 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 (1.16)	1.1	1.1 (1.08)
1.0	1.1 (1.09)	1.0 (1.03)	1.0 (1.01)
Triple glazing	Psi = 0.064 (W/mK)	Psi = 0.039 (W/mK)	Psi = 0.030 (W/mK)
0.7	0.9 (0.89)	0.8 (0.82)	0.8
0.6	0.8 (0.82)	0.8 (0.76)	0.7 (0.73)

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

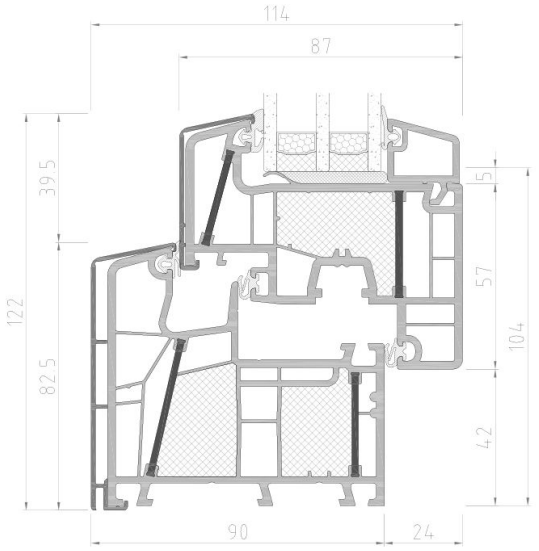
U_w values > 1.0 W/(m²K) are shown with one decimal place according to EN ISO 10077, here with two decimal places for information purposes

SOUND INSULATION

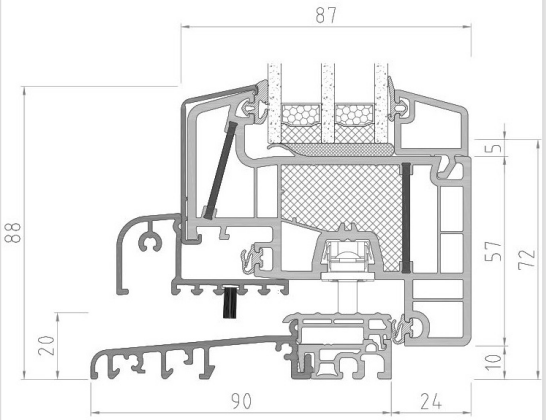
Reference size 1230 x 1480 mm
(Elements with test certificate)

$R_w \triangleq R_{wP}$= test value window	R_{wR}= calculated value window	R_{wP}= test value glass	Test certificate no.
33 dB	31 dB	29 dB	175 42480/2
38 dB	36 dB	35 dB	175 42480/2
41 dB	39 dB	42 dB	175 42480/2

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



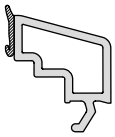
TWINSET 8000 ED FRAME WITH SASH



TWINSET 8000 ED FRENCH DOOR WITH FLAT THRESHOLD

POSSIBLE GLASS STRIPS:

STANDARD



classicline

OPTIONAL

roundline

Status 01/2023