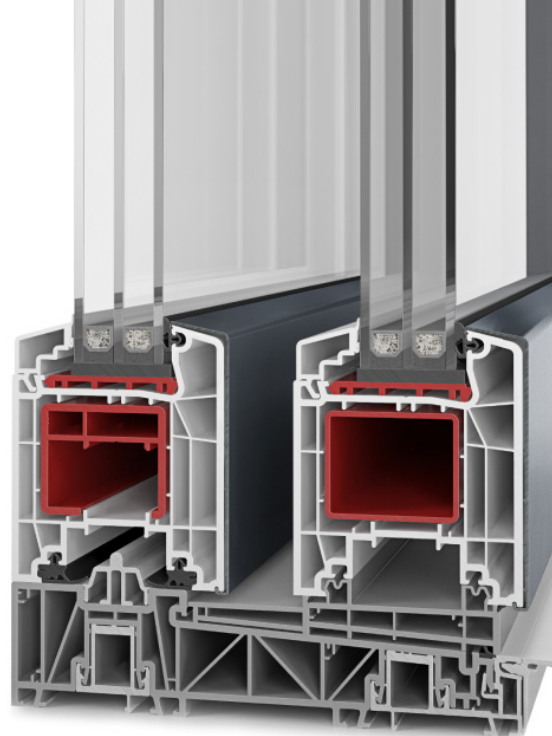


## DATA SHEET

# Lift and slide door TwinSet Premium

- Flush design
- 202 mm construction depth
- Thermally separated threshold

U<sub>w</sub>-Value  
≥ 0.75



### 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)	0.75 W/(m <sup>2</sup> K)
Window area	30 m <sup>2</sup>
Annual fuel oil savings	1078 litres
Annual carbon dioxide reduction	2,911 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:

- 2 locking bolts
- Form stable threshold
- Continuous aluminium frame reinforcement
- Top guide rail made of aluminium
- Max. sash weight 450 kg

#### OPTIONAL:

- Safety levels: RC2, according to EN 1627-1630
- Integrated door gear, lockable from inside and outside
- Comfort gears
- Lock monitoring according to VDI
- Fitting up to 600 kg
- SoftClose
- Aerocontrol 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
- Lever/handle: white, brown, stainless steel, F4, F9

### SOUND INSULATION

Lift and slide door RwP up to 44 dB

### GLASS THICKNESS

From 24 mm to 51 mm

### SEALS

- Centre joint with double seal
- 2 sealing levels in the sash area



## 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 B2 (according to EN 12210)

### Please note:

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

## THERMAL INSULATION

- Reference size 3500 x 2180 mm
- $U_f = 1.3 \text{ W/(m}^2\text{K)}$
- Minimum requirement according to GEG2020:  $U_w = 1.3 \text{ W/(m}^2\text{K)}$

$U_g$ Glass (W/m <sup>2</sup> K) according to EN 673	$U_w$ lift and slide door (W/m <sup>2</sup> K)		
	Type of edge spacer		
	Aluminium	KSD	PVC Ultimate
<b>Double glazing</b>	Psi = 0.066 (W/mK)	Psi = 0.041 (W/mK)	Psi = 0.032 (W/mK)
1.1	1.26	1.21	1.20
1.0	1.18	1.14	1.12
<b>Triple glazing</b>	Psi = 0.064 (W/mK)	Psi = 0.039 (W/mK)	Psi = 0.030 (W/mK)
0.8	1.03	0.99	0.97
0.7	0.96	0.91	0.90
0.6	0.88	0.84	0.82
0.5	0.81	0.77	0.75

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

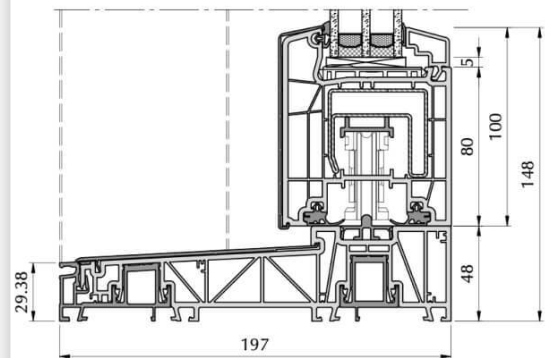
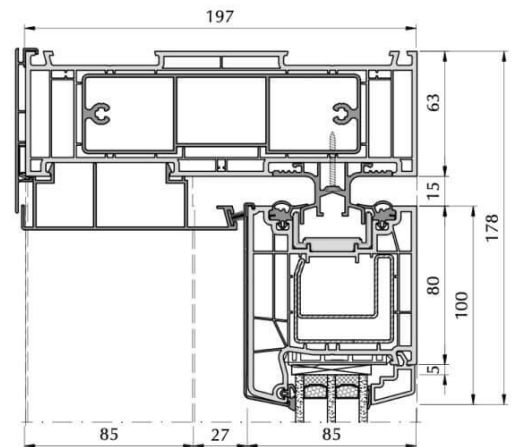
$U_w$  values > 1.0 W/(m<sup>2</sup>K) are shown with one decimal place according to EN ISO 10077, here with two decimal places for information purposes

## SOUND INSULATION

Reference size 3600 x 2300 mm  
(Elements with test certificate)

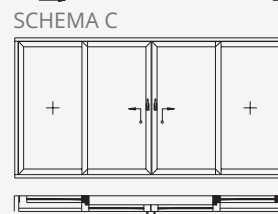
$R_w \triangleq R_{WP}$ = test value lift and slide door	Structure Triple glazing	$R_{WP}$ = test value glass	Test certificate no.
33 dB	4/12Ar/4/12Ar/4	32 dB	14/03-A092-K1
39 dB	8/12Ar/4/12Ar/6	39 dB	14/03-A092-K2
44 dB	8VSGSi/12Ar/6/12Ar/8VSG	-	14/03-A092-K3

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



LIFT AND SLIDE DOOR TWINSET PREMIUM

## POSSIBLE SCHEMAS:



## POSSIBLE GLASS STRIPS:

STANDARD

