



DATA SHEET

Bi-folding door Classic IV 78

- Offset design
- 78 mm construction depth
- Almost complete opening of the folding sashes

Energy saving through new windows

U _w value (old)	3.50 W/(m ² K)
U _w value (new)	0.87 W/(m ² K)
Window area	30 m ²
Annual fuel oil savings	1070 litres
Annual carbon dioxide reduction	2,890 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

WOOD COLOURS

- All wood colours listed in the shop as well as wood RAL colours

Environmentally friendly water-based varnishes

- Lever/handle shell: white, EV1, F9, C33 medium bronze, RAL 8022 black brown

GLASS THICKNESS

From 28 mm to 42 mm (from 38 mm rebated glass strips; glass thickness 39 mm, 40 mm, not possible in rustic glass retainer strip)

SEALS

- Centre sealing system
- 3 sealing levels

SAFETY EQUIPMENT / FITTING

BASIS:

- 2 locking bolts per sash
- Protective trim in alu
- Max. sash weight 130 kg

OPTIONAL:

- Aerocontrol magnetic contact for electronic monitoring
- Handicapped accessible threshold
- Integrated door gear, lockable from inside and outside

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
- Minimum requirement according to GEG2020: $U_w = 1.3 \text{ W/(m}^2\text{K)}$

Spruce			
U_w folding sliding door (W/m ² K)			
U_g Glass according to EN 673	Frame U_f value	Type of edge spacer alu	Type of edge spacer KSD

1.1	1.1	1.3	1.2
1.0	1.1	1.2	1.1
0.7	1.1	1.0	0.9 (0.93)
0.6	1.1	1.0 (0.95)	0.9 (0.87)

Pine, Larch, Meranti			
U_w folding sliding door (W/m ² K)			
U_g Glass according to EN 673	Frame U_f value	Type of edge spacer alu	Type of edge spacer KSD

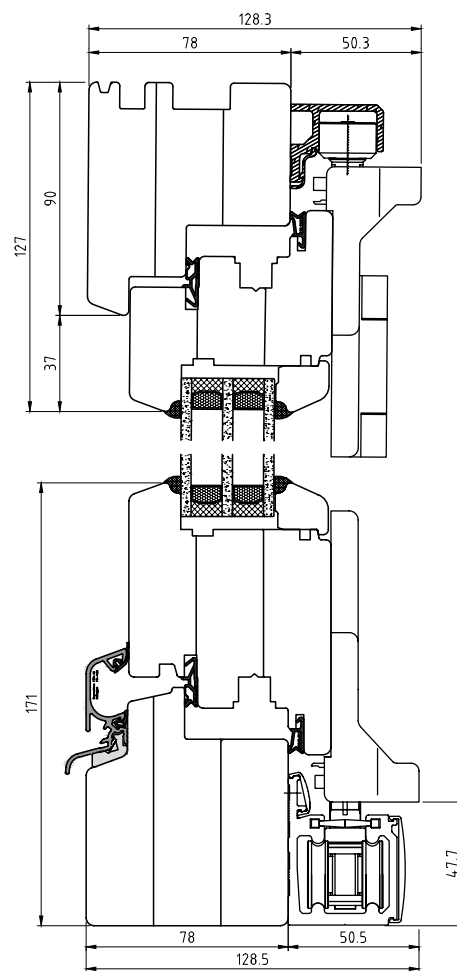
1.1	1.2	1.3	1.2
1.0	1.2	1.2	1.2
0.7	1.2	1.1	1.0 (0.97)
0.6	1.2	1.0 (0.99)	0.9 (0.91)

Oak, Eucalyptus			
U_w folding sliding door (W/m ² K)			
U_g Glass according to EN 673	Frame U_f value	Type of edge spacer alu	Type of edge spacer KSD

1.1	1.5	1.4	1.3
1.0	1.5	1.3	1.2
0.7	1.5	1.2	1.1
0.6	1.5	1.1	1.0

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

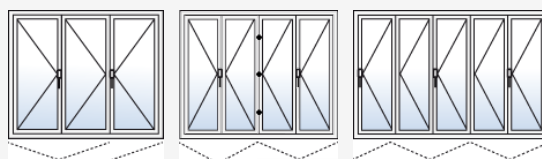


BI-FOLDING DOOR WOOD CLASSIC VI 78

POSSIBLE SCHEMAS:

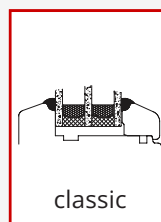
All possible schemas are listed in the shop. Example illustration for opening types:

THREE-PART FOUR-PART FIVE-PART



POSSIBLE GLASS STRIPS:

STANDARD



OPTIONAL

