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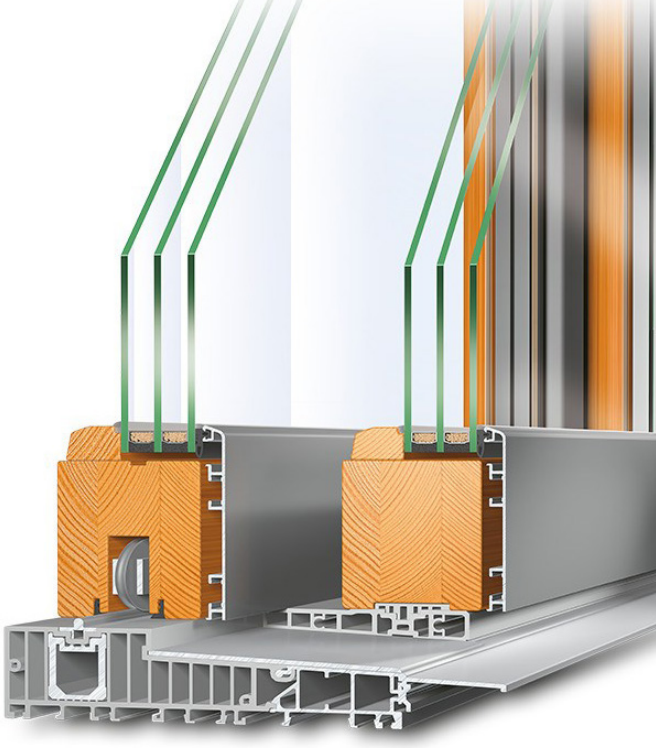
DATA SHEET

U_w-Value
≥ 0.96

Lift and slide door
IDEALU IV 68

- **Flush design**
- **201 mm construction depth**
- **Available with double and triple glazing**



Energy saving through new windows	
U_w value (old)	3.50 W/(m²K)
U_w value (new)	0.96 W/(m²K)
Window area	30 m²
Annual fuel oil savings	1090 litres
Annual carbon dioxide reduction	2,943 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
- Concealed locking technology due to the swivel hook gear
- Max. sash weight 450 kg

OPTIONAL:

- Safety levels: 4-fold locking, RC2, according to EN 1627-1630
- Lock monitoring according to VDI
- Integrated door gear, lockable from inside and outside
- Comfort gears
- Fitting up to 600 kg
- SoftClose, handle side, fixed side or both sides
- Aerocontrol magnetic contact for electronic monitoring
- Handicapped accessible threshold

COLOURS

- Interior: all wood colours listed in the shop as well as wood RAL colours
- Exterior: all colours of the wood-alu colour spectrum listed in the shop

Environmentally friendly water-based varnishes

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

GLASS THICKNESS

24 mm to 42 mm

SEALS

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

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 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: $U_w = 1.3$ W/(m²K)

Spruce

U_w lift and slide door (W/m²K) / U_f= 1.1 W/(m²K)

U_g Glass according to EN 673	**Type of edge spacer alu**	**Type of edge spacer KSD**	**Type of edge spacer Swiss-spacer Ultimate**
1.1	1.2	1.2	1.1
1.0	1.2	1.1	1.1
0.7	1.1	1.0	1.0
0.6	1.0	1.0 (0.98)	1.0 (0.96)

Pine, Larch, Meranti

U_w lift and slide door (W/m²K) / U_f= 1.2 W/(m²K)

U_g Glass according to EN 673	**Type of edge spacer alu**	**Type of edge spacer KSD**	**Type of edge spacer Swiss-spacer Ultimate**
1.1	1.3	1.2	1.2
1.0	1.2	1.2	1.1
0.7	1.1	1.0	1.0
0.6	1.1	1.0	1.0 (0.99)

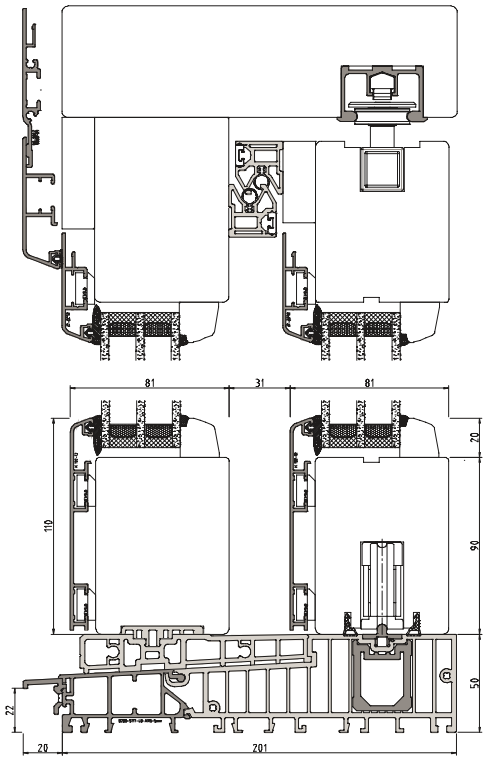
Oak, Eucalyptus

U_w lift and slide door (W/m²K) / U_f= 1.5 W/(m²K)

U_g Glass according to EN 673	**Type of edge spacer alu**	**Type of edge spacer KSD**	**Type of edge spacer Swiss-spacer Ultimate**
1.1	1.3	1.3	1.2
1.0	1.3	1.2	1.2
0.7	1.2	1.1	1.1
0.6	1.1	1.1	1.1

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

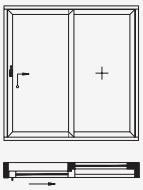
U_w values > 1.0 W/(m²K) are shown with one decimal place according to EN ISO 10077, here with two decimal places for information purposes



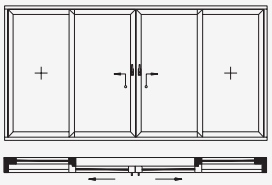
LIFT AND SLIDE DOOR WOOD-ALU
IDEALU VI 68 VERTICAL SECTION

POSSIBLE SCHEMAS:

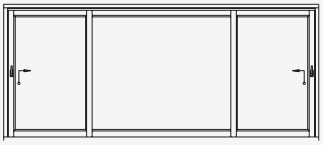
SCHEMA A



SCHEMA C

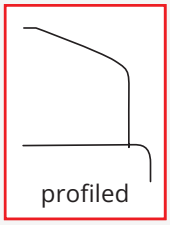


OPTIONAL SCHEMA K

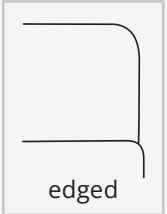


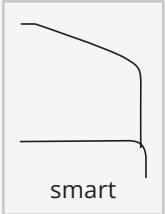
POSSIBLE GLASS STRIPS:

STANDARD



OPTIONAL





Status 01/2023