

## DATA SHEET

# Smart-Slide

- Convenient closing mechanism
- 140 mm construction depth
- Alu step protection outside

U<sub>w</sub>-Value  
≥ 0.95



### 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)	0.95 W/(m <sup>2</sup> K)
Window area	30 m <sup>2</sup>
Annual fuel oil savings	1019 litres
Annual carbon dioxide reduction	2,753 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
- Max. sash weight 240 kg
- Aluminium step protection outside
- Innovative closing movement across the frame

#### OPTIONAL:

- Safety levels: RC2, according to EN 1627-1630
- High Control (magnetic contact for electronic monitoring)
- Integrated door lock, lockable from inside and outside

### COLOURS

- White
- Decor according to current price list according to colour range uPVC

### SOUND INSULATION

Window RwP up to 45 dB

### GLASS THICKNESS

To 41 mm

### SEALS

- Compression seal system
- Possible colours:
  - Papyrus white or black for decor



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

$U_g$ Glass according to EN 673	$U_w$ window (W/m <sup>2</sup> K)			
	Frame $U_f$ value	Type of edge spacer alu	Type of edge spacer KSD	Type of edge spacer Swiss-pacer Ultimate
1.1	1.4	1.3	1.2	1.2
1.0	1.4	1.2	1.1	1.1
0.7	1.4	1.1	1.0	0.98
0.6	1.4	0.97	0.96	0.95

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

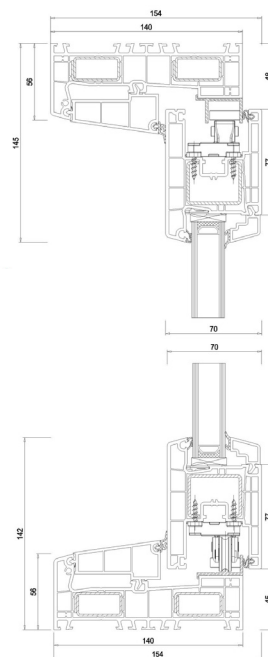
$U_w$  values > 1.0 W/(m<sup>2</sup>K) are shown with one decimal place according to EN ISO 10077, here with two decimal places for information purposes

## SOUND INSULATION

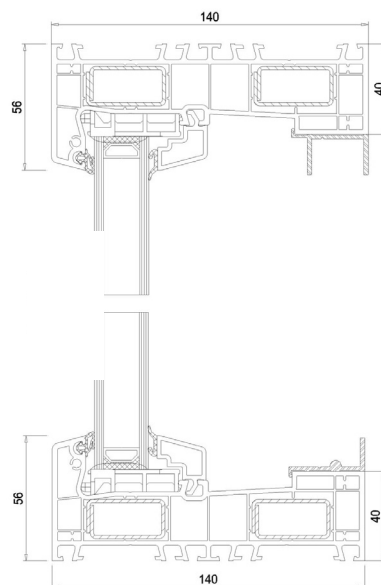
Reference size 1230 x 1480 mm  
(Elements with test certificate)

$R_w \triangleq R_{WP}$ = test value window	$R_{WR}$ = calculated value window	$R_{WP}$ = test value glass	Test certificate no.
42 dB	40 dB	41 dB	16129751/Z01
42 dB	40 dB	42 dB	16129751/Z02
44 dB	42 dB	45 dB	16129751/Z03
45 dB	43 dB	48 dB	16129751/Z05

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



IDEAL SMART SLIDE SLIDING SASH



IDEAL SMART SLIDE FIXED SASH

## POSSIBLE GLASS STRIPS:

STANDARD

