



Product sheet

## Frameless sliding window “Sky-View SL”



Farsighted architecture ideas call for more and more decorative and hardly perceivable support materials and profiles. Especially in the residential sector, the building trend is for large-size, frameless sliding windows. Metallbau Bühlmann offers a new system for this with sash weights up to 750 kg.



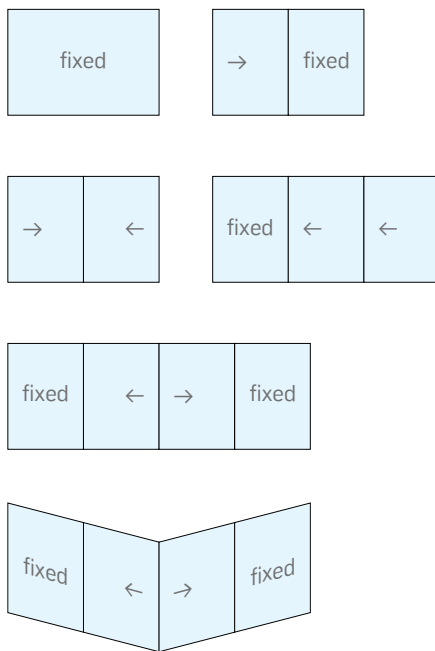
Minimal visible profiles and maximal energy efficiency are combined to achieve both aesthetic as well as climate objectives.





A complete glass facade results from large-size sliding windows and fixed elements with "Sky-View SL". With no corner posts, this system can be configured in such a way that it can be opened completely for an unrestricted panoramic view.

### Configuration examples



### System description

#### Frame and sash material

- High-quality aluminium alloys with PA insulating bars
- Sash weight up to 750 kg

#### Surface

Colourlessly anodised or powder-coated according to Qualicoat

#### Frame profiles

- Face width: 60 mm (graduated 48/12 mm)
- Building depth: 183/281 mm (2/3 tracked)

#### Sash profiles

- Sunken into the frame
- Face width: 7 mm
- Building depth: 65 mm

#### Muntin profiles

Face width: 27 mm

#### Centre opening

Face width: 80 mm (graduated 27/26/27 mm)

#### Profile systems and construction

- Thermally separated aluminium profiles

#### Window filling

Triple insulating glass, up to a maximum of  $U_g = 0.5 \text{ W/m}^2\text{K}$

#### Opening types

Sliding windows

### Technical specifications

	Sash height max. 4 m		Wind load resistance class C2/B3
	Sash width max. 2.2 m		Air permeability class 4
	Glass thickness 54 mm		Waterproofness class 8A
	Sash weight max. 750 kg		Thermal insulation $U_w$ max. $0.86 \text{ W/m}^2 \text{ K}$



Thanks to the thin profiles and concealed threshold, a continuous line can be maintained between the indoor and outdoor floors.