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10-year warranty
air-lux sliding windows are manufactured in Switzerland from high-quality aluminium profiles. The elegant frames meet the highest quality standards. That's why we guarantee flawless functionality and provide a 10-year warranty on frames, gaskets and fittings. And just in case something happens: our 24-hour support service is here for you.



air-lux®

No compromise.



Our sliding windows are CE-compliant and meet the following safety regulations and EU directives/standards:



Air permeability
Classification according to standard
EN 12207: 2016-12 | up to class 4



Watertightness
Classification according to standard
EN 12208: 1999-11 | up to class E1500



Wind load
Classification according to standard
EN 12210: 2016-03 | up to class C4/B4



Sound insulation
Measurement according to DIN EN ISO 10 140-2
up to 43 dB



Burglary resistance
according to EN 1627-1630
up to RC3



Operating forces
Classification according to standard
EN 13115:2020-11 | up to class 2



Resistance to repeated opening and closing
Classification according to standard
EN 12400:2002-10 | up to class 4



Rollover capability
according to ift guideline BA-01/1 | up to class 6

Sliding win- dows

A product from

KRAPF

The horizontal highlight

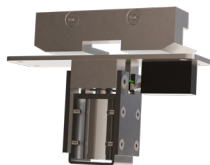
air-lux sliding windows elegantly merge interior and exterior spaces and combine architectural aesthetics with Swiss precision.

Space without limits

With sash weights of up to 1,800 kg and glass surfaces of up to 25 m², these windows glide gently and smoothly – either **manually** or **fully automatically** without any effort. The patented air-lux seal guarantees **100% tightness** with outstanding running characteristics.



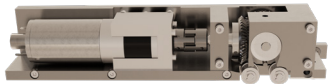
1 Air compressor



2 Locking bolt



3 Motherboard



4 Drive

Seamless and effortless

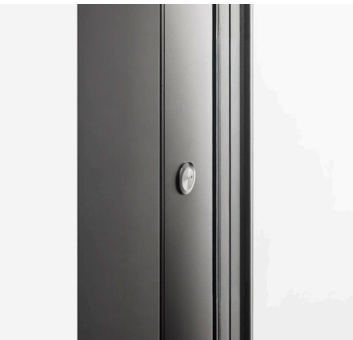
Threshold

Flush sliding systems always leave a recess in the floor when open. These openings are generally not a problem and do not cause any restrictions in everyday use. If a flush-floor solution is still preferred, an **automatic threshold** can be integrated. As soon as the sliding window has moved to its maximum open position, the threshold automatically folds up, closing the recess in the floor area. This ensures flush, **seamless transitions for barrier-free access**.

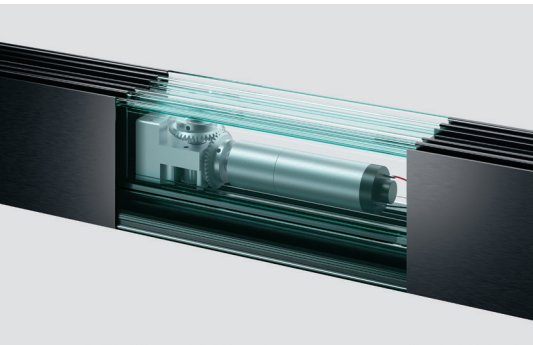


Operation

A button with integrated LED in the window frame controls the sliding window operation. From the outside, choose between a key, code, finger scanner or badge. Opening and closing can be **manual** or **fully automatic**, smooth and quiet – with no effort required.



The optional **integrated drive** can be incorporated invisibly into all types of openings – without the need for niches or ceiling recesses. As the vented seal does not generate any friction, we recommend **motorisation from a weight of approx. 600 kg**. This allows sliding elements of up to 1'800 kg to be moved effortlessly.



Well protected

Insect screen

The **integrated pleated blind** is suitable for large and small sliding sashes, can be positioned flexibly and disappears into the frame profile.



Fall protection

The elegant, integrated fall protection with laminated safety glass offers **reliable protection** without **compromising visibility** – protected against the weather by the external sliding sash.



Burglary protection

The robust air-lux construction can be invisibly upgraded to **resistance class RC3** – including special bullet-proof or alarm-secured glass.

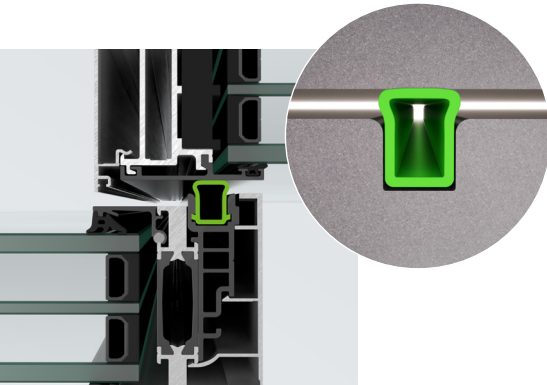


Impressive functions

The unique **air-lux sealing concept** with a continuous inflatable seal guarantees **100% tightness** against driving rain, wind and noise.

Seal active

- When the button is pressed, air is pumped into the seal.
- The gap between the sliding element and the fixed frame is completely sealed.



Seal inactive

- The air escapes when you press the button.
- The seal retracts to its original concave profile.

