

venuro

Venuro 2

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Venuro 2

A pioneering spirit is based on more than just research. It requires passion.

Our frameless sliding windows merge with their surroundings and provide unparalleled views. These architectural masterpieces are developed at our highly specialised Swiss manufactory, with the highest level of precision and dedication to detail.

Flowing transitions, clean lines and rooms flooded with light. The triple-glazed Venuro 2 sliding window impresses with its exceptional design and excellent structural properties. The slimline, frameless window design adds a visual lightness and a high level of transparency to any room. With a U_w value of $0.8 \text{ W/m}^2\text{K}$, Venuro 2 is our first frameless sliding window system to be awarded the Minergie certification.

The outer frames, sash and vent profiles are made of continuous insulating material (composite material). Fibreglass profiles play an essential role in achieving excellent thermal insulation values and deliver outstanding thermal insulation performance. This high-performance fibreglass also impresses with its strength and lightweight properties. Its use can ensure a long service life – a truly sustainable sliding system.

Face widths of the middle profiles
26 mm | 38 mm made of aluminium

U_w value (5x3m, $U_g=0.5 \text{ W/m}^2\text{K}$):
 $\geq 0.69 \text{ W/m}^2\text{K}$, DIN EN ISO 10077
 $\geq 0.60 \text{ W/m}^2\text{K}$, SIA 331

Rollers and roller surface made of
stainless steel

Simple and secure drainage thanks to
the specific geometry of the
fibreglass profile

**The outer frames, sash and vent
profiles are made of continuous
insulating material:**

Improved seal integrity

Noise reduction due to minimal
material expansion compared to
aluminium

Reduced heat loss and lower
heat absorption

Resistance to moisture
and corrosion



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U_w-Value (5x3m, U_g=0.5W/m²K):
≥0.69 W/m²K, DIN EN ISO 10077 | ≥0.60 W/m²K, SIA 331

Watertightness: up to class E900, EN 12208

Air permeability: up to class 4, EN 12207

Resistance to wind load: up to class C4 | B4, EN 12210

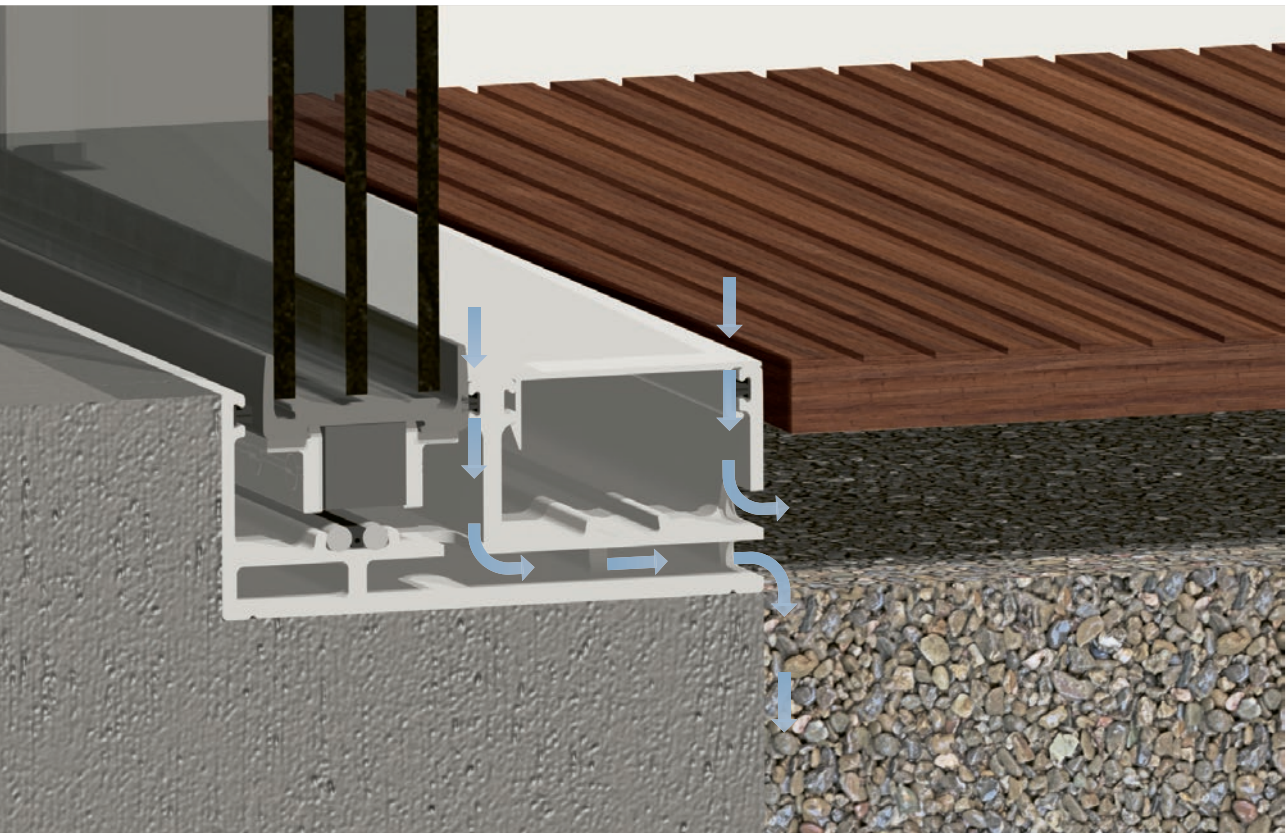
Burglar resistance: up to class RC2

Sound reduction index: up to 40 dB

Optional with Minergie certification

Optional with an e-drive

Optional with a flyscreen



Simple and secure drainage thanks to the specific geometry of the fiberglass profile.

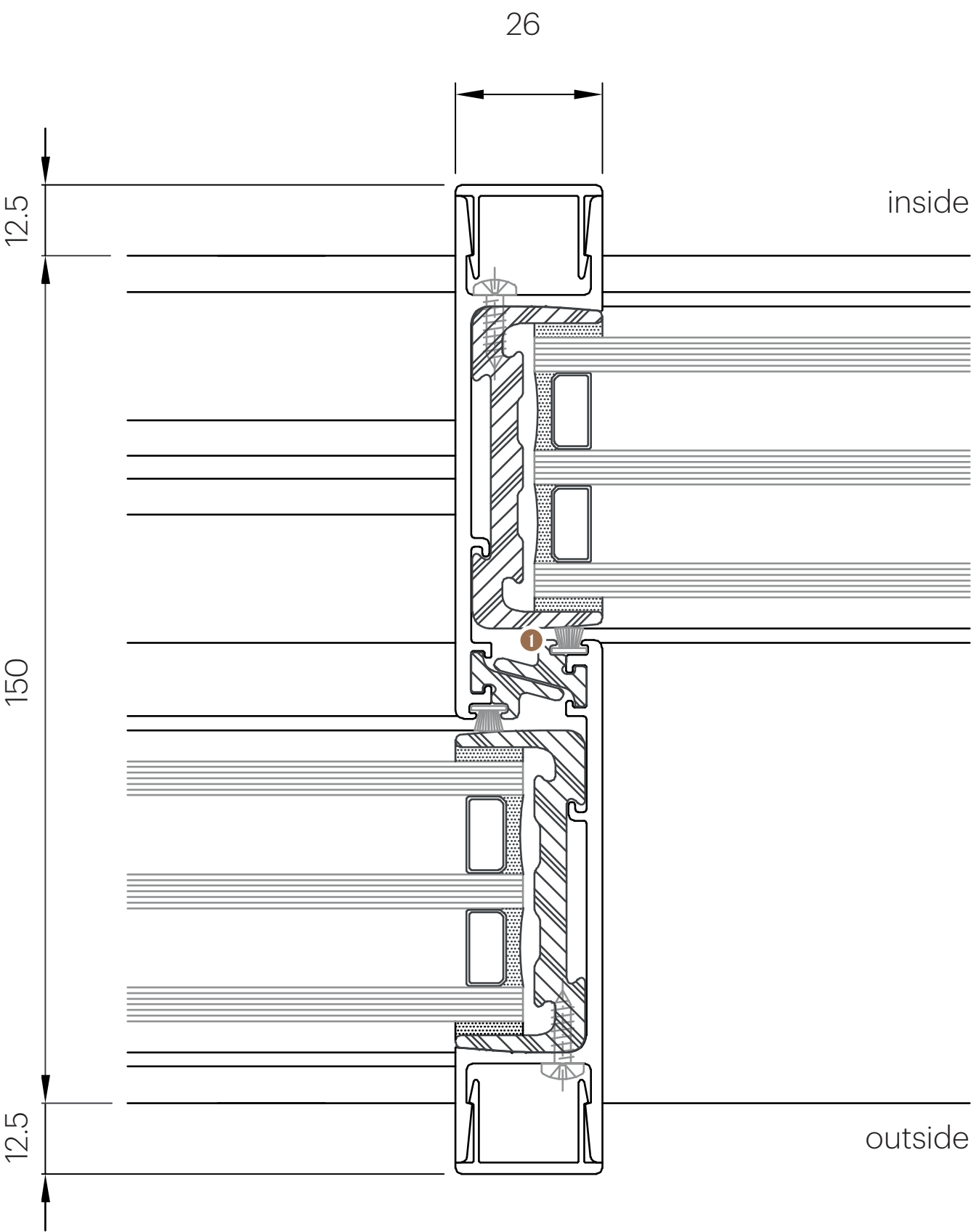
Facts	
Unit sizes	
For triple glazing	
Fixed sash: up to 12 m²	
Sliding vent: up to 8 m²	
Larger sizes available upon request	
Weight of sliding vent	Frame depth
Manual: up to 450 kg	Single-track: 75 mm
Motorised: up to 700 kg	Double-track: 150 mm
	Triple-track: 225 mm
	Quadruple-track: 300 mm
Higher weights available upon request	
Glass thickness	Frame height
35 – 52 mm	60 mm

Middle profile

26 mm

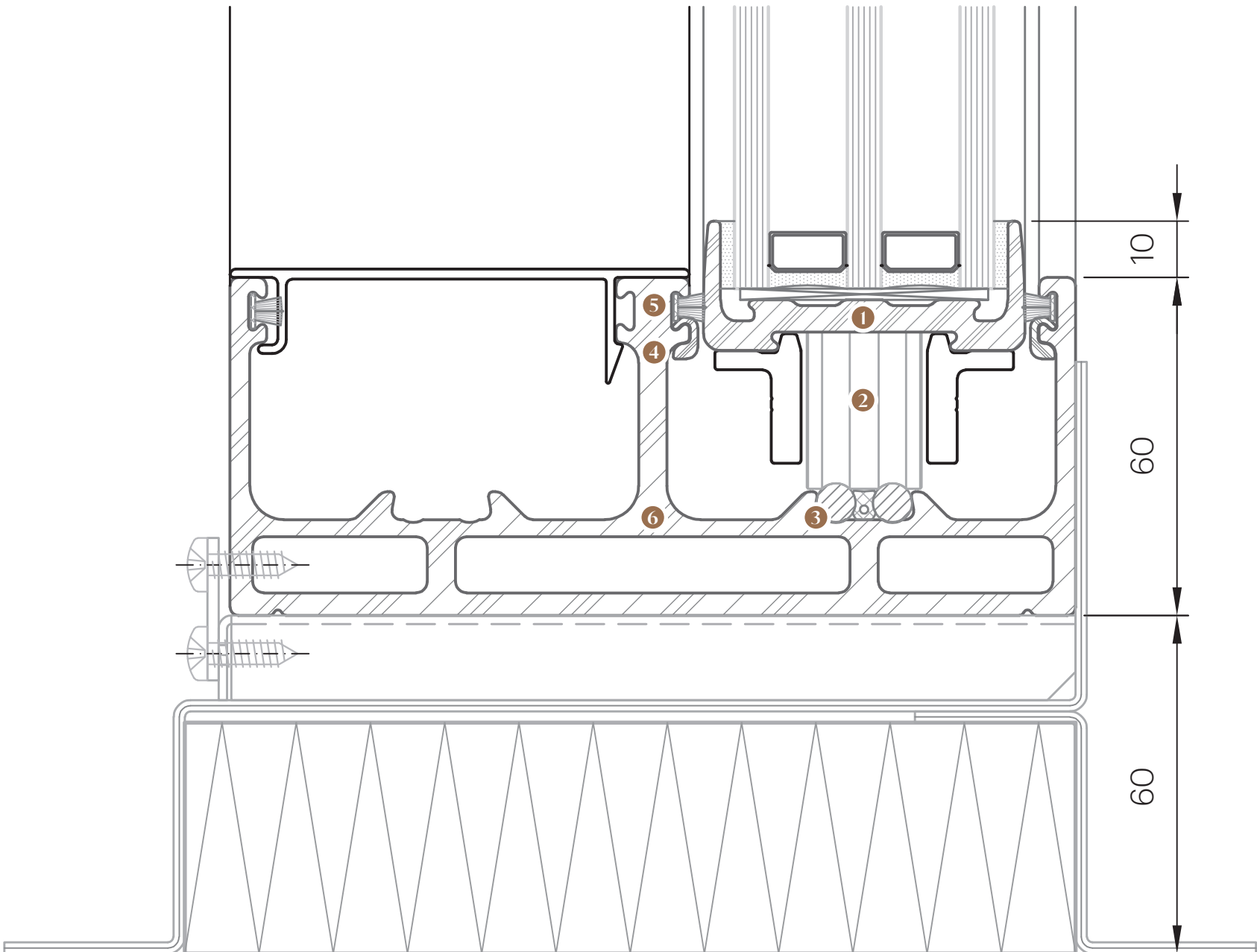
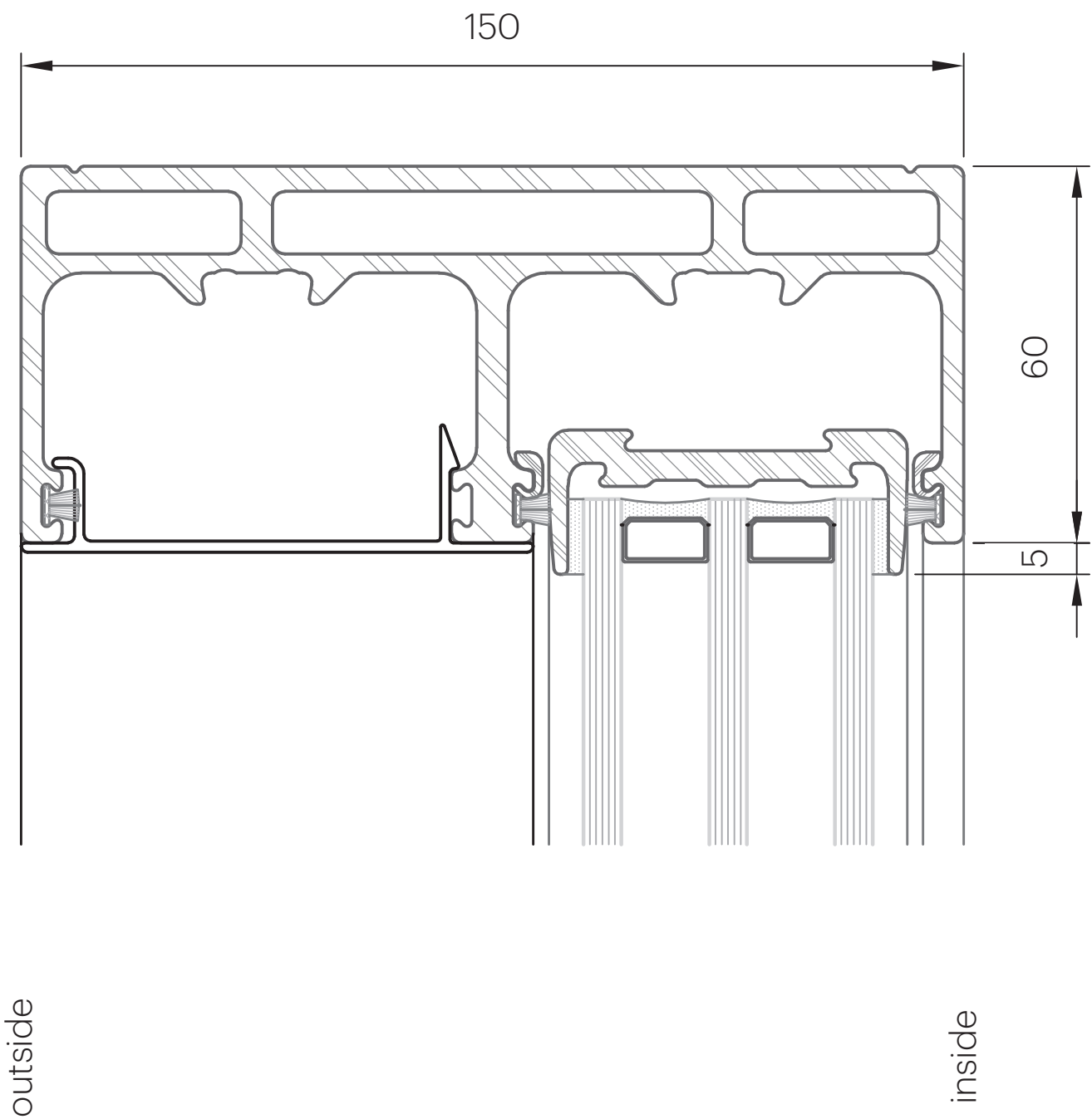
Seals
The interlock construction incorporates a carefully engineered arrangement of two EPDM buffer seals and multiple brush seals.

Sealing levels
Interlock | 26 mm:
1 2 x brushes



Section through sliding vent

- 1 **Fibreglass vent frame**
Highly insulating composite material
- 2 **Robust runner fitting**
Large-sized, closed stainless steel with high load capacity
- 3 **Two stainless steel rolling surfaces**
Smooth vent operation
- 4 **Sliding profiles**
Continuous, lateral buffer profiles. Increased joint tightness under wind loads
- 5 **Brush sealing**
Additional brush sealing completes the highly-insulating properties
- 6 **Fibreglass profiles**
Continuous composite material for maximum thermal insulation



Scale 1:1 in mm