

venuro

Venuro 3 max

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Architecture is a collective journey combining the inside and outside of a building into one complete concept - rooms without limits.

The glowing red sphere setting on the horizon, blurring into the distance. Pure freedom drifting in like a breath of wind, resting softly on your skin – an endless expanse.

Venuro 3 max impresses with its minimalist, timeless elegance and high-performance properties. The frameless sliding system offers aesthetically-pleasing, functional and energy-efficient solutions for even the most challenging architectural designs.

Designed for sliding vents with glass areas as large as 18 m². A patented, dynamic and floor-level threshold creates a seamless transition from inside to outside.

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
30 mm | 46 mm made of
aluminium

U_w value: (5x3m, U_g=0.5W/m²K):
≥0.76 W/m²K, DIN EN ISO 10077
≥0.60 W/m²K, SIA 331

Rollers and roller surface made of
stainless steel

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

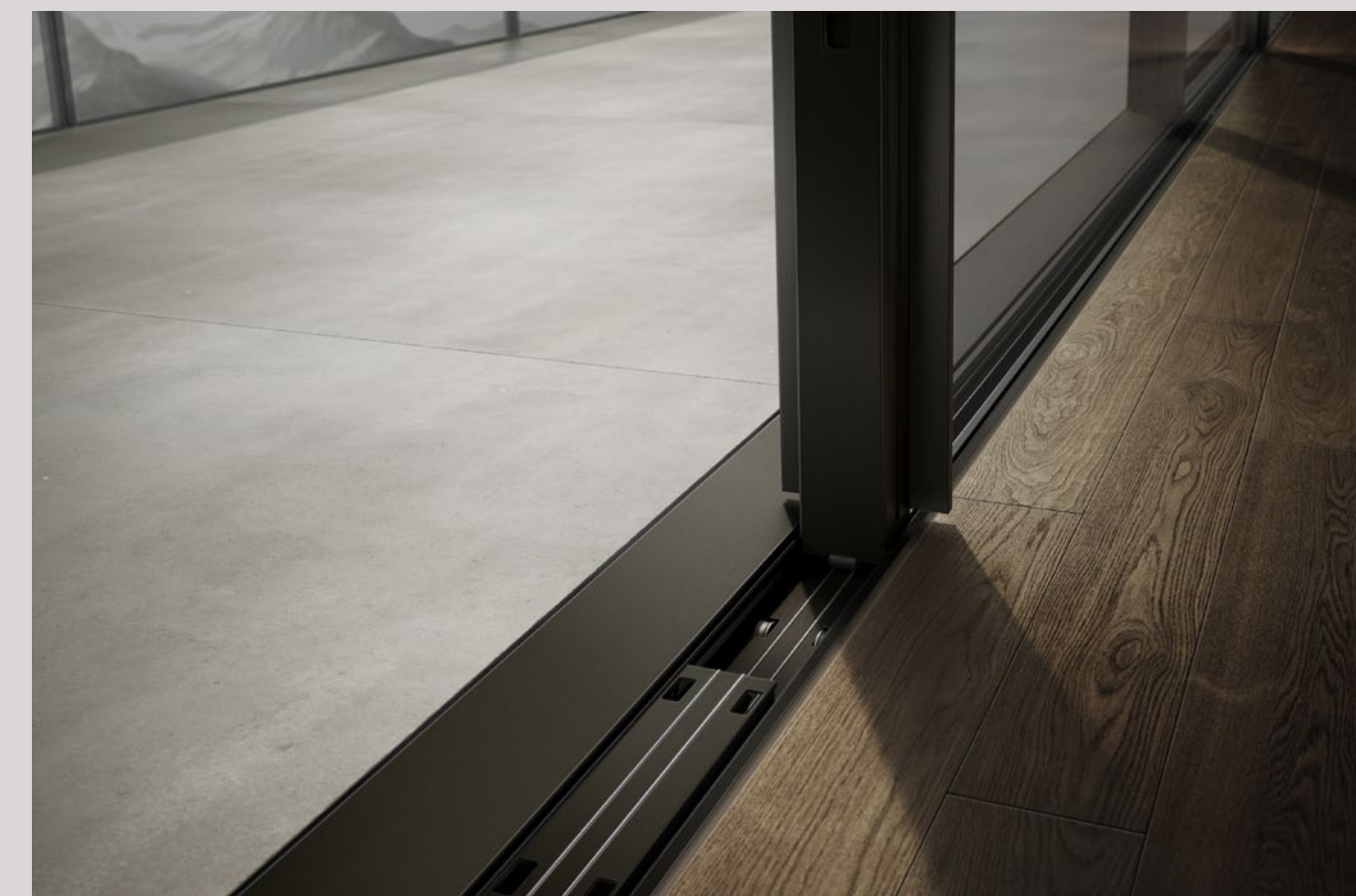
**The outer frames, sash and vent
profiles are made of continuous
insulating material:**

Improved seal integrity

Noise reduction due to minimal ma-
terial expansion compared to alumi-
nium

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):
≥0.76 W/m²K, DIN EN ISO 10077 | ≥0.60 W/m²K, SIA 33

Watertightness: up to class E750, EN 12208

Air permeability: up to class 4, EN 12207

Resistance to wind load: up to class C5 | B5 EN, 12210

Burglar resistance: up to RC3

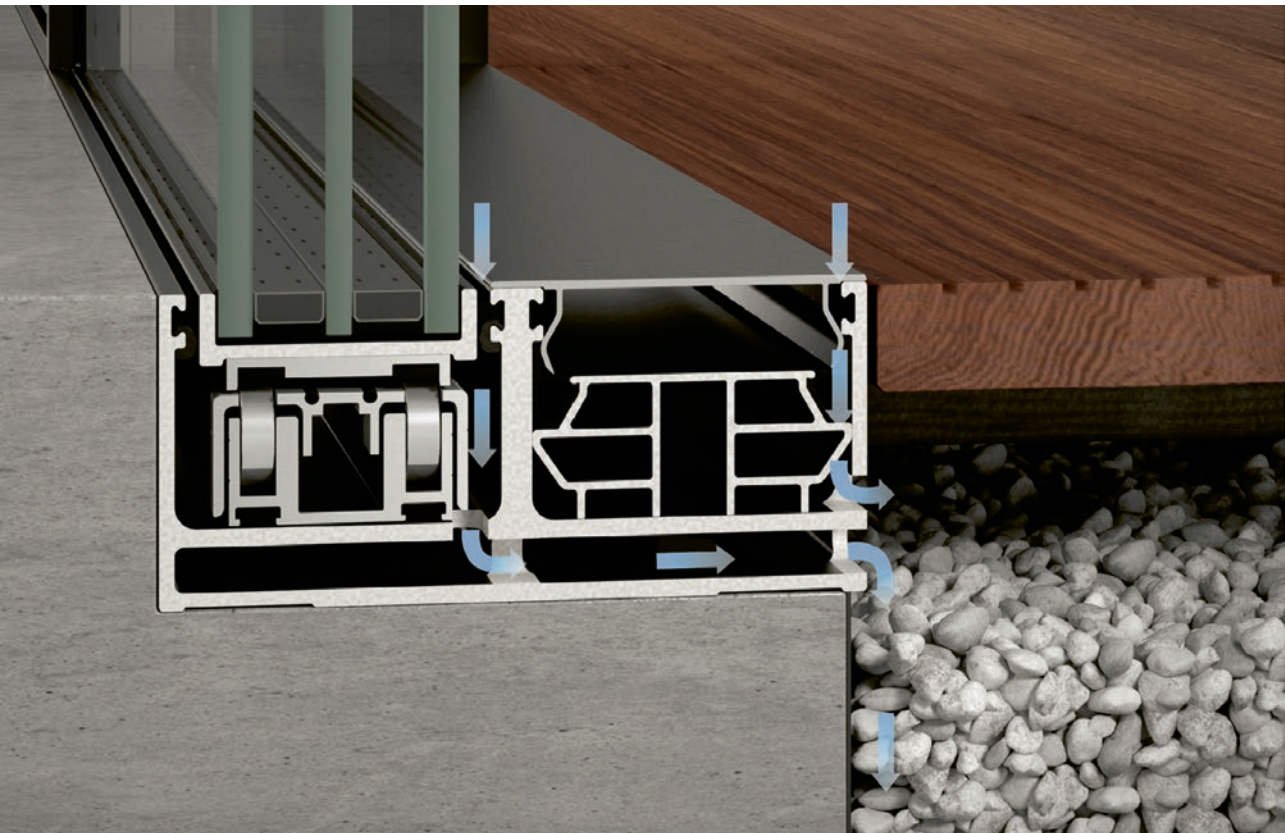
Sound reduction index: up to 47 dB

Optional with Minergie certification

Optional with an e-drive

Optional with a flyscreen

Optional with a dynamic threshold



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

Middle profile

46 mm

Seals

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

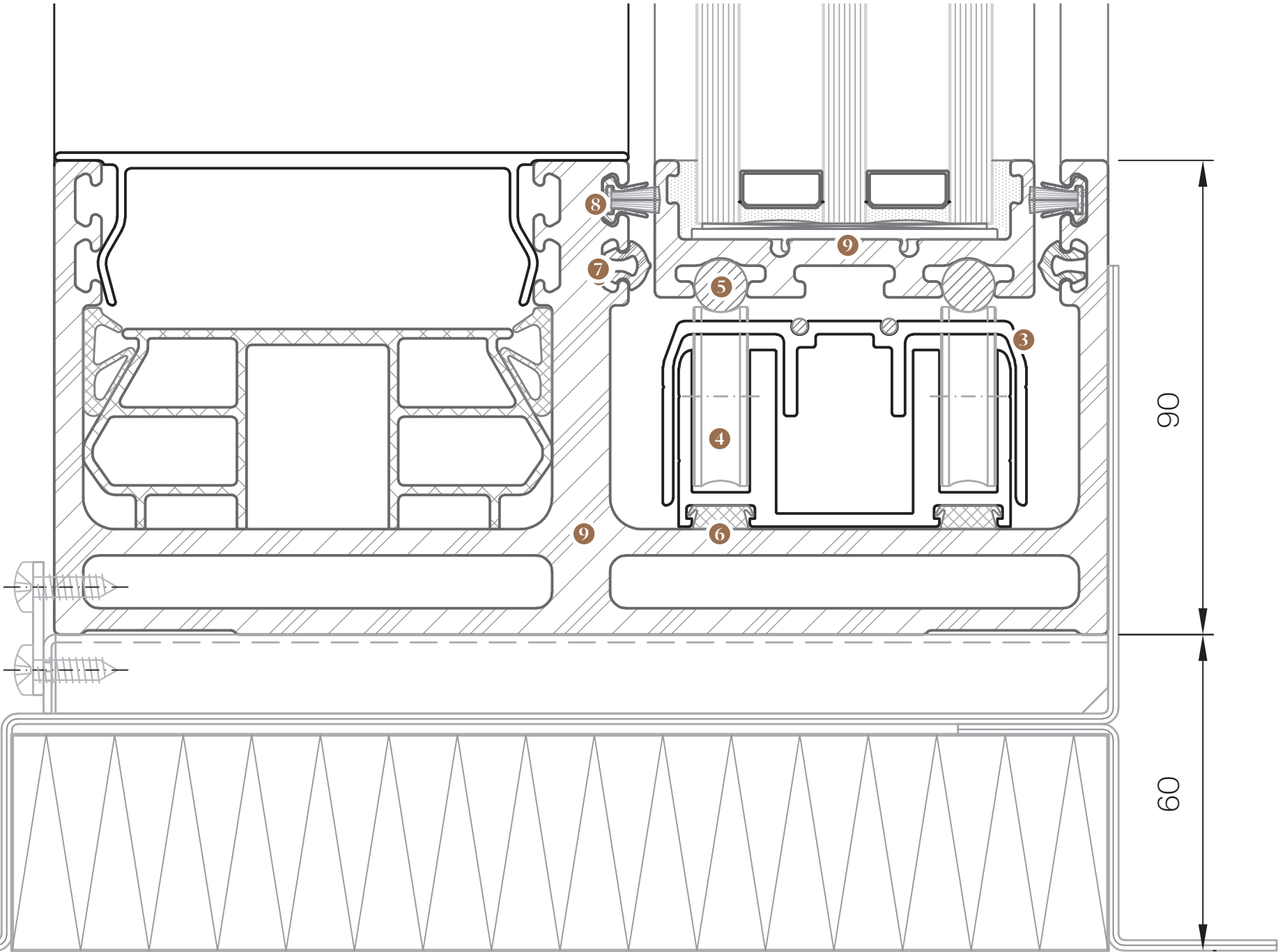
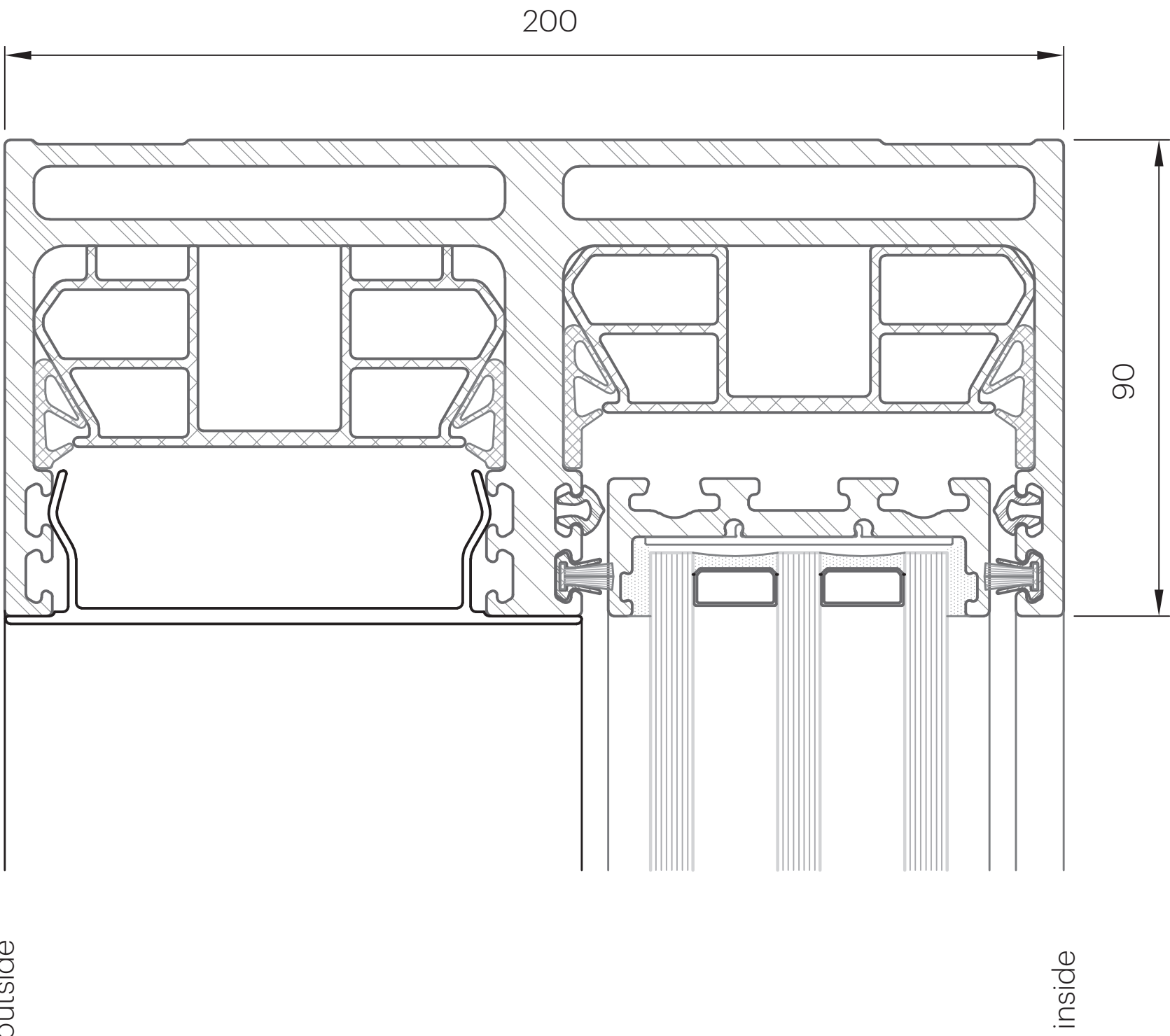
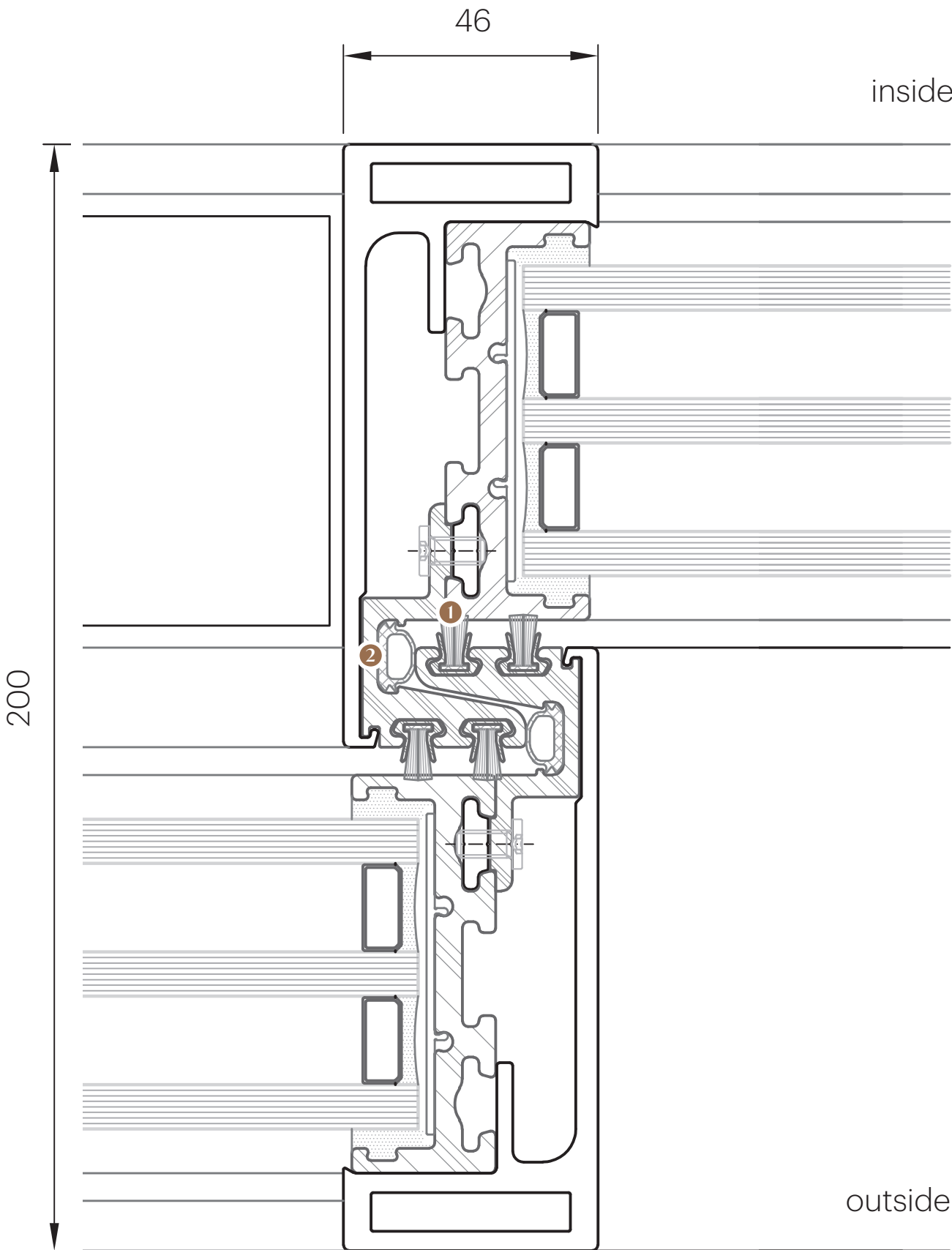
Sealing levels

Interlock | 46 mm:

- 1 4 x brushes
- 2 2 x EPDM

Cross-section through sliding vent

- 3 **Dynamic threshold**
Dropped dynamic threshold
100% barrier-free
- 4 **Robust runner fitting**
Large-sized, closed stainless steel with high load capacity
- 5 **Two stainless steel rolling surfaces**
Smooth vent operation
- 6 **Noise reduction**
Insulating profiles for quiet and comfortable running
- 7 **Straight profiles**
Continuous, lateral buffer profiles. Increased joint tightness under wind loads
- 8 **Brush sealing**
Additional brush sealing complements the highly-insulating properties
- 9 **Fibreglass profiles**
Continuous composite material for maximum thermal insulation



Scale 1:1 in mm