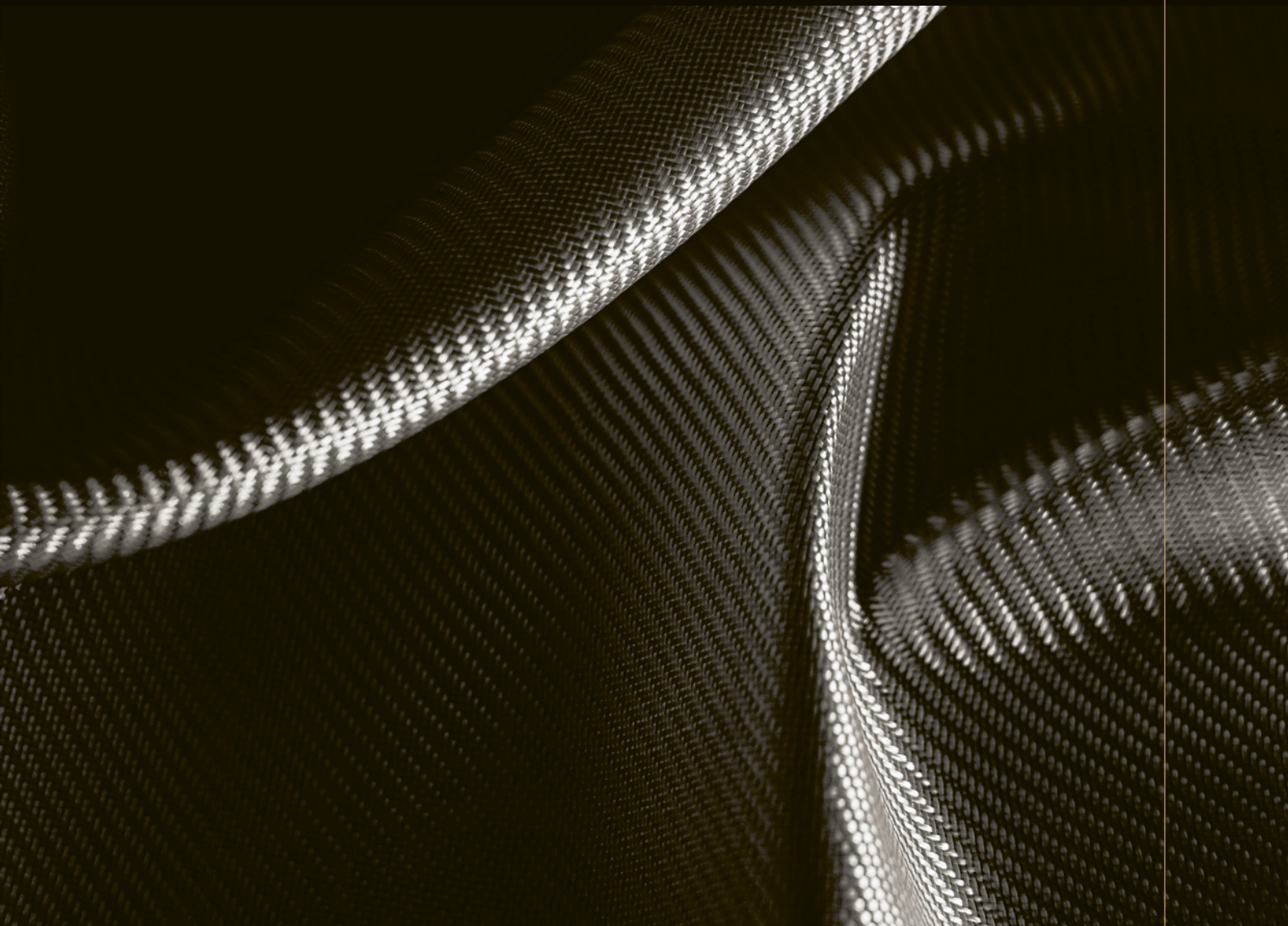


Venuro 3



Venuro 3

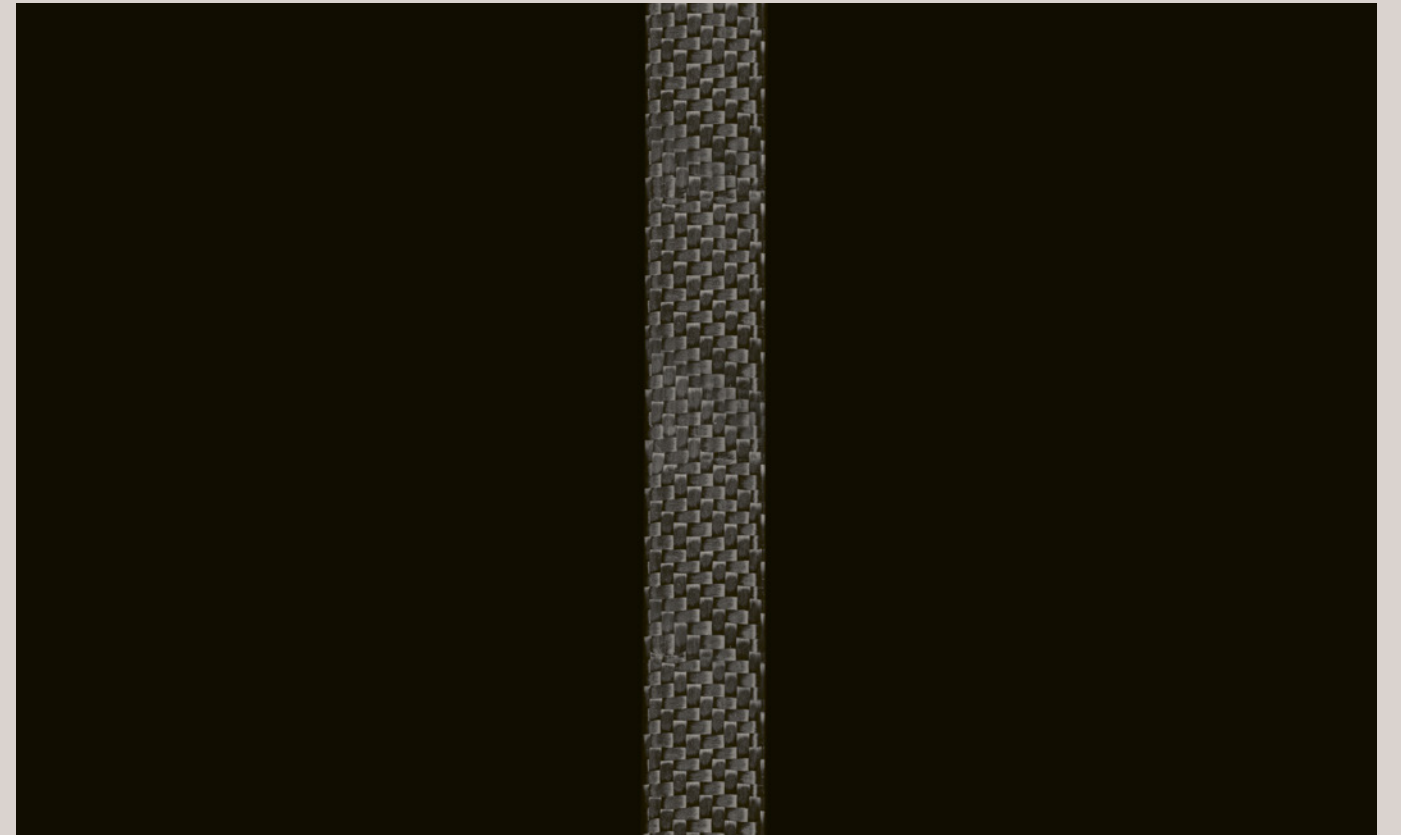
The principle of architecture involves mastering the rules of construction and finding ways to defy them.

We strive to push ourselves to the limit of what is physically possible. With a carbon centre profile measuring just 16 mm, we have created a foundation for residential architecture that is both impressive and unique.

Large-scale sliding windows with extremely narrow profiles: to implement these contradictory ideas, a combination of high-performance fibreglass and carbon has been integrated into the sliding windows. These materials, which were initially established for the aerospace industry, provide exceptional durability and resilience while maintaining their lightweight properties. The 16 mm thick carbon centre profile forms the heart of the system and is integrated almost seamlessly into the design. Both fascinating and magical, the project and the surrounding nature merge to form a symbiosis of architectural perfection.

The outer and vent profiles are made from continuous insulation material (composite material). Fibreglass profiles play an essential role in achieving these excellent thermal insulation values and offer a high thermal insulation capacity. This high-performance fibreglass also impresses with its high strength and lightweight properties. Using this material can ensure a long service life, even without maintenance – a truly sustainable sliding system.

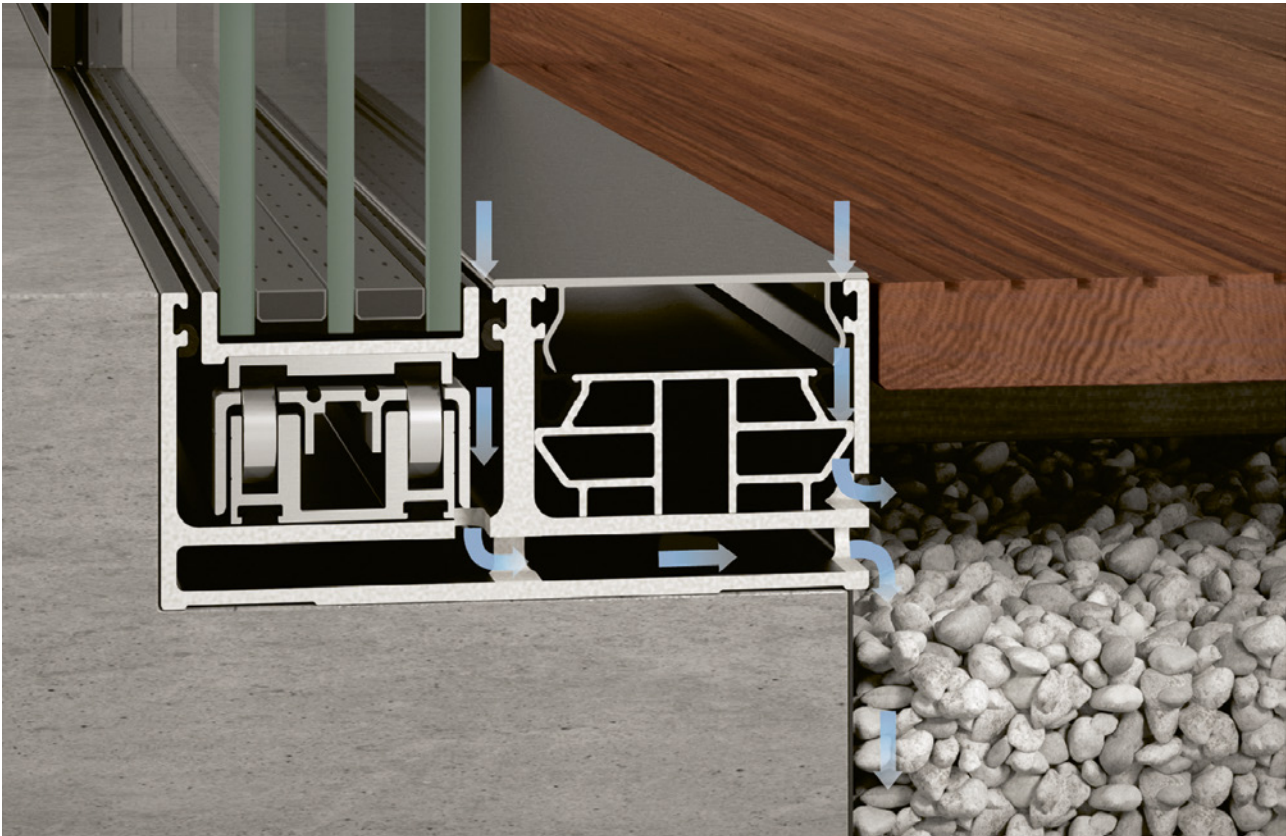
- Smooth and seamless transitions thanks to the patented Venuro lower-and-lift threshold
- The outer and vent frames are entirely made from highly insulated composite material
- Face widths of centre profile
16 mm, made from carbon
30 mm, made from aluminium
- Glass thickness up to 54 mm
- U_f value of 0.9 W/m²K | U_w value of less than 0.65 W/m²K is possible
- Rollers and roller surface made from stainless steel
- Simple and secure drainage thanks to the specific geometry of the fibreglass profile
- Integrated flyscreen



Venuro 3

U_w-Value: <0.65 W/m²K possible
Watertightness: Class 9A, EN 12208
Air permeability: Class 4, EN 12207
Resistance to wind load: Class C4/B4
Burglar resistance: RC2

Sound reduction index: up to 46 dB
E-drive
Flyscreen



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

Facts

Unit sizes
for triple glazing
Fixed vent: up to 12 m²
Sliding vent: up to 8 m²

Larger sizes possible
on request

Weight of sliding vent
Manual: up to 350 kg
Motorised: up to 700 kg

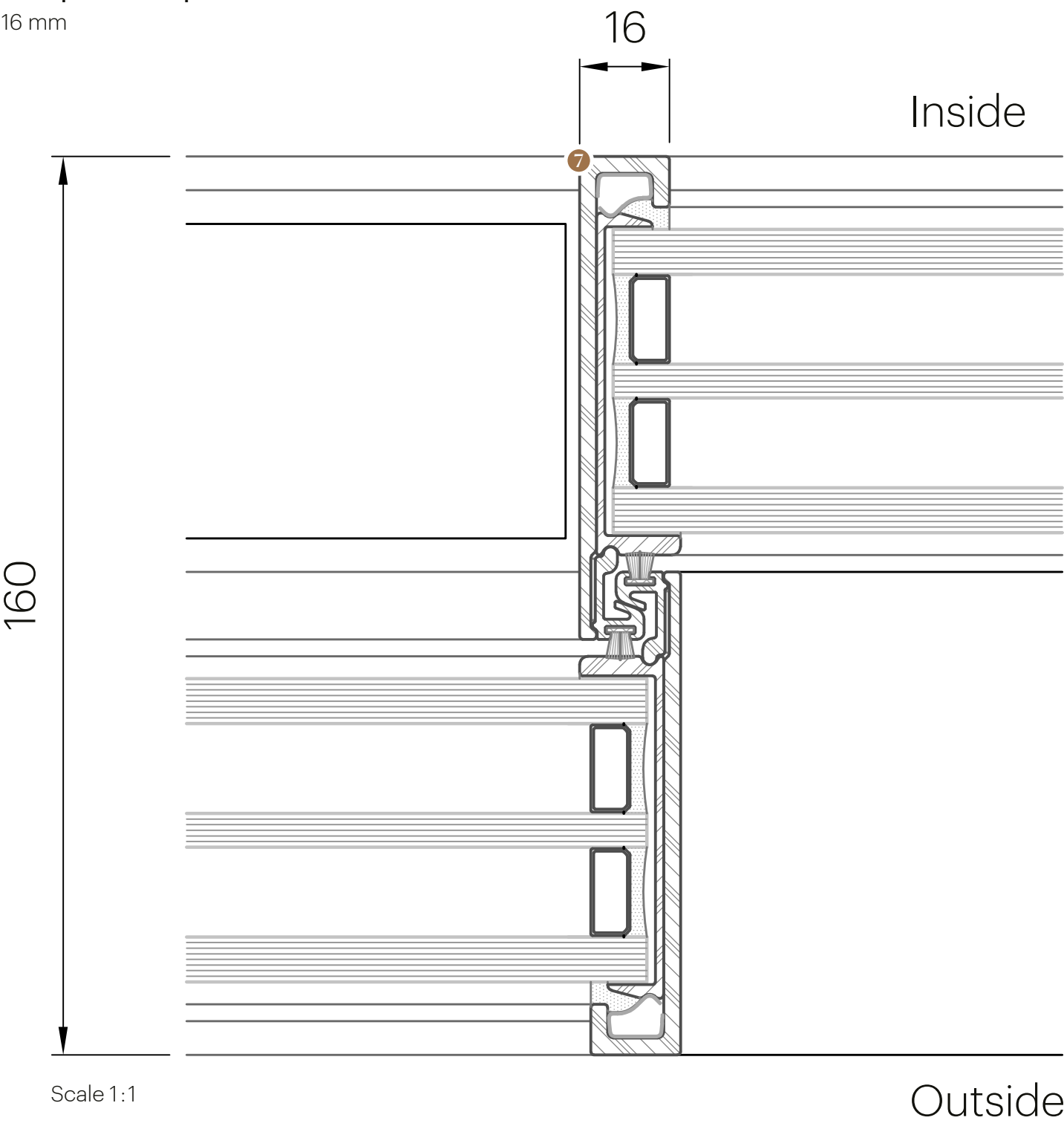
Heavier weights possible
on request

Glass thickness
46 – 54 mm

Basic depth
Single-track: 80 mm
Double-track: 160 mm
Triple-track: 240 mm
Quadruple-track: 320 mm

Profile height
70 mm

U-shaped middle profile
16 mm



Section through sliding vent

- 1** **Dropped threshold**
Automatic threshold cover,
100% accessibility
- 2** **Robust runner fitting**
Large-sized, closed stainless steel
with high load capacity
- 3** **Noise reduction**
Insulating profiles for quiet and
comfortable running
- 4** **Straight profiles**
Continuous, lateral buffer profiles.
Increased joint tightness with wind
loads
- 5** **Brush sealing**
Additional brush sealing completes
the highly-insulating properties
- 6** **Fibreglass profiles**
Continuous composite material for
maximum thermal insulation
- 7** **Carbon profile**
16 mm narrow
extreme rigidity and load-bearing
capacity with low weight

