

Avorio.



Avario – Redefining Next-Generation Living

More design, more possibilities, more freedom: the new Avario system range marks the beginning of a new era in every aspect. The three roof models – Smart, Pro and Cube – can be combined with all Solarlux elements, including bi-fold doors, sliding systems and the cero sliding window. Seamlessly integrated connections and outstanding thermal insulation elevate the Avario range to a new level in the world of glazed extensions.

Avario Smart



Slim and sleek

The Avario Smart is characterised by its flat external roof surface, with the rafter profiles positioned on the inside. With the Avario Smart, a wide range of monopitch roof designs, as well as various special shapes, can be realised.

Avario Pro



Sophisticated and refined

The Avario Pro features a pitched roof, with the rafter profiles positioned on the outside. In addition to classic glazed extensions designs, the Pro enables sophisticated customised solutions, large-scale dimensions and complex roof shapes to be realised.

Avario Cube



Modern and cubic

With a roof pitch of just 2° and a continuous surround, the Avario Cube creates a sleek, modern flat-roofed extension that adds architectural character to any building.



With the Avario Smart, you can add modern, light-flooded extensions to existing properties

More freedom, more design, more possibilities

Individually crafted to the highest standards, Avario is a purchase you will enjoy for a lifetime. With over 40 years of experience in the field of glazed extensions and glass elements, Solarlux guarantees a comprehensive system solution in which roof systems and vertical glass elements are perfectly coordinated. The use of low-maintenance materials,

such as certified and recycled aluminium, contributes to the durability and sustainability of the systems. With outstanding thermal insulation values, Avario also offers excellent opportunities for creating additional, fully functional living space as part of energy-efficient construction or renovation projects.

Far *more* than just a room

Technical features that are not immediately visible make all the difference. The Avario range therefore reaches a new level, uniquely combining design, comfort and energy efficiency without compromising the benefits of a Solarlux glazed extensions.

Energy-efficient

- Optimal thermal insulation thanks to the combination of an innovative eaves design, optimised profiles and carefully engineered connections
- The building structure is thermally insulated from the interior throughout
- Triple glazing up to 54 mm thick

Numerous opening options

- All three roof options can be combined with bi-folding doors, sliding doors or zero sliding windows
- Fixed elements, windows or folding or sliding doors can also be integrated

Living and operational comfort

- Protection against summer overheating through integrated ventilation and shading systems, such as awnings or external blinds
- Insect screens for openings up to 9 m wide
- Patented roller mechanisms within our door systems ensure effortless opening and closing

Intelligent control technology

- Convenient electronic control technology automates the operation of all additional electrical components such as lighting, ventilation and shading
- Optional automated operation via app or voice control, as well as conventional remote control, is available

Uniform design

- Seamless integration between the roof and vertical glass elements thanks to specially developed profiles
- The coordinated components provide a cohesive appearance

Stylish lighting concepts

- A pleasant atmosphere thanks to warm white, dimmable lighting that can be controlled automatically
- Integrated spotlights or continuous LED strips within the rafters
- Perimeter lighting around the gutter is also possible

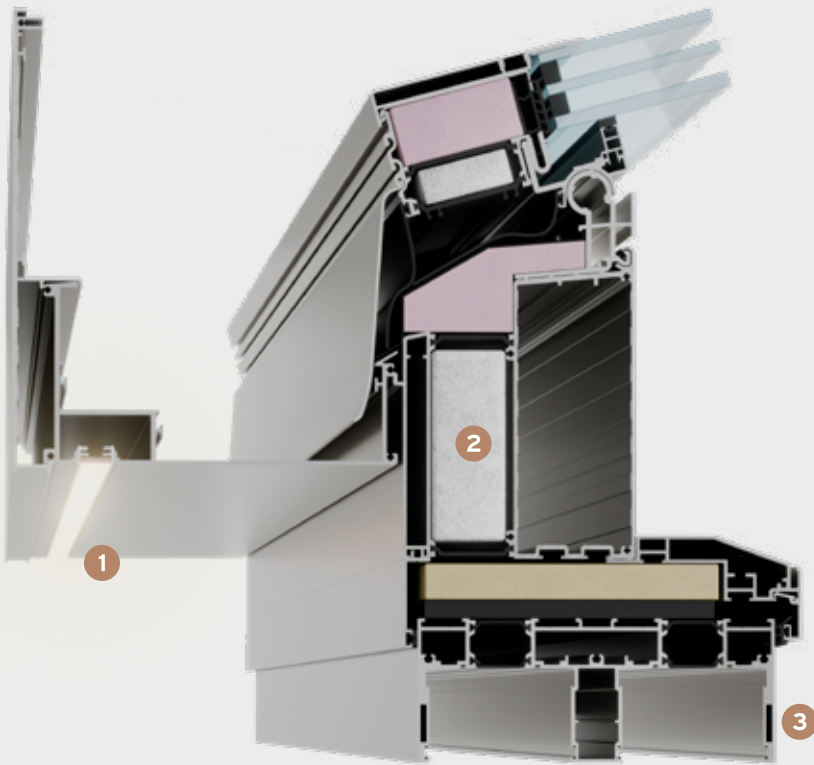


Find out more
about the Avario here

A glimpse inside

One system, endless possibilities for living spaces: the Smart, Pro and Cube models integrate seamlessly into any architectural style.

Whether as an extension to an existing house with a classic monopitch roof style or as a standalone, modern living space: the Avario models offer exceptional design versatility, with virtually no limits. For example, a freestanding version without a connection to the main house can also be realised.



Overall view of the eaves

Avario Cube



Perimeter rafter glazing for Avario Smart and Pro

1 Ambient lighting

The Avario range offers a comprehensive lighting concept: LED spotlights, adjustable spotlights and even LED strips can be seamlessly integrated.

2 Outstanding thermal insulation

All thermally insulated profiles achieve outstanding thermal performance through additional insulation cores and, in some cases, supplementary sealing layers.

3 Design profiles for optimal connection

The connections between the vertical elements are seamless and uniform thanks to specially developed design profiles. They require no additional frames and are integrated directly beneath the eaves.

4 Maximum transparency

A sealed glass unit can optionally be fitted directly between the edge beam and the cross-beam, without any additional frame requirements. The integration of traditional opening units or tilt-and-turn windows is, of course, also possible.

Model comparison

	Smart	Pro	Cube
Structural members			
External rafters	○	●	○
Internal rafters	●	○	●
Cubic design	○	○	●
Material of the roof construction			
aluminium	●	●	●
Core material			
aluminium	●	●	●
Wood/aluminium	●	●	●
Roof designs			
Flat roof	○	○	●
Monopitch and pitched roofs	●	●	○
Customised designs	○*	●	○
Roof pitch			
	5 - 45 °	5 - 45 °	2 °
Dimensions	Technical clarification	Technical clarification	Technical clarification
Glazing			
Thermal insulation glazing, solar control glazing, soundproof glazing	●	●	●
Glass thicknesses	28 - 54 mm	28 - 54 mm	28 - 54 mm
Colours			
Aluminium finishes in RAL, DB, Duraxal	●	●	●
Shading			
internal	●	●	●**
external	●	●	●
vertical	●	●	●
Ventilation			
Motorised roof-mounted sliding windows	●	●	●
Motorised roof ventilation	●	●	●
Motorised or manually operated tilt windows	●	●	●
Lighting			
Rafters: lighting strip with LED spotlights/LED strips	●	●	●
Gutter: lighting strip with LED spotlights/LED strips	●	●	●
Wall joint: LED strip	●	●	●
Insect screen			
centor insect screen for vertical openings	●	●	●
Insect screen for roof-mounted sliding windows	●	●	●
Conservatory control system for automation			
For shading, roof hatches, ventilators and heating	●	●	●
Downpipe / downpipe cladding			
	●	●	●