



METAFORM
SHADING SYSTEMS



— **TOPBOX** —→
by **MOTTURA**



The Company

Mottura S.p.A. is a leading Italian company specializing in the production of innovative shading and window decoration systems. Founded in 1963, it is recognized for the quality, technology, and elegant design of its products.

Its collection includes outdoor shading solutions, such as specialized systems for terraces, courtyards, and large glass surfaces, offering excellent options for sun protection and improving energy efficiency, for both residential and commercial spaces.

The company combines Italian craftsmanship with modern technologies, offering solutions with automation and motorization options, while also providing eco-friendly and energy-efficient products.

With a presence in over 70 countries, Mottura continues to stand out in its sector, delivering innovative and reliable outdoor shading systems for every need.



TopBox

TopBox is an elegant and functional choice for vertical shading systems.

Thanks to their multifunctionality, TopBox systems fit perfectly into various architectural designs and meet even the most demanding specifications, in both residential and public-commercial settings.

The WPRO side guides ensure perfect sealing against wind, keeping the fabric fully stretched. The heat-welded zippers prevent the fabric from exiting the guide.

For outdoor use, TopBox is certified according to EN 13561:2015. All components are made from corrosion-resistant AISI stainless steel.



Benefits of a Vertical Shading System

- ▶ Privacy protection
- ▶ Durable and waterproof construction
- ▶ Long-lasting over time
- ▶ Weather protection
- ▶ Easy adjustment
- ▶ Top wind resistance certification: Class 6, withstanding winds up to 88 km/h



Save money by improving your building's energy efficiency.



Protect yourself and your home from harmful UV rays.



Achieve thermal comfort by cooling your home and maintaining better temperature levels.



Achieve optimal visual comfort by eliminating glare.



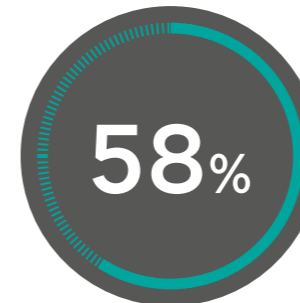
Help the environment by reducing greenhouse gas emissions.



The number of days requiring air conditioning in Europe is expected to increase by 2050.



Automated shading systems can reduce energy consumption for cooling.



CO₂ emissions may be reduced (up to 100 megatons less by 2050) if shading is used along with air conditioning.

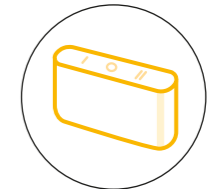


Energy cost savings could reach €285 billion in Europe between 2020 and 2050.



3 ways to control your products

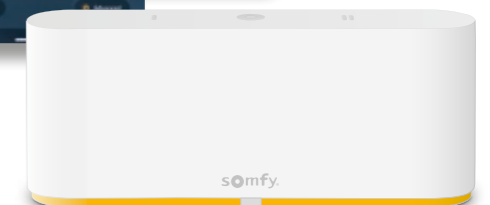
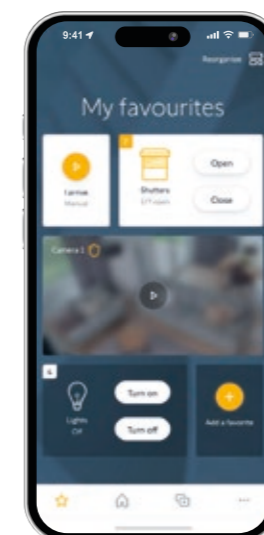
1 Smart Buttons
Run your daily routines with a single tap.



2 Voice Control
Compatible with Amazon Alexa, Google Assistant, and Apple HomeKit.



3 Tahoma app
Control your products from your mobile device, wherever you are.



Indicative applications



Serge Ferrari

Soltis
W 96

Soltis Proof W96 ensures all-season protection and comfort for your outdoor area.

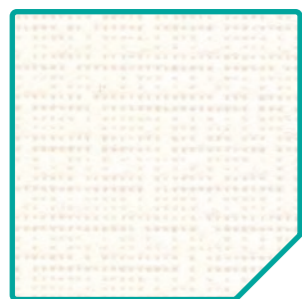
This enables a faster return on your investment, maximizing longterm value.

Color options

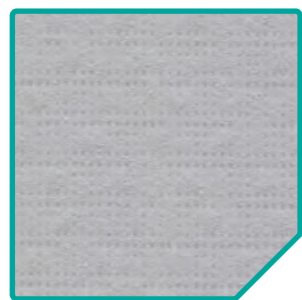
620g/m² - 0.56mm



▶ Anthracite
267cm
W96-2047



▶ White
267cm
W96-8102



▶ Cloud
267cm
W96-2171

Stylish and low-maintenance

Soltis Proof W96 offers unique advantages for exceptional ease of use:

- Quick, easy maintenance
- UV resistance for long-term color fastness
- Can be used alongside the micro-ventilated version, Soltis Lounge 96, which has the same look with transparency.

Waterproof and translucent

- Effective, long-lasting protection against all weather conditions.
- A high level of translucency for more natural light.
- Better heat reflection to maintain a comfortable thermal environment.
- A visible textured effect.

Solar and light properties (EN 14501)

		TS	RS	AS	TV n-h
W96-2047		3	11	86	3
W96-2171		9	52	39	4
W96-8102		17	71	12	17

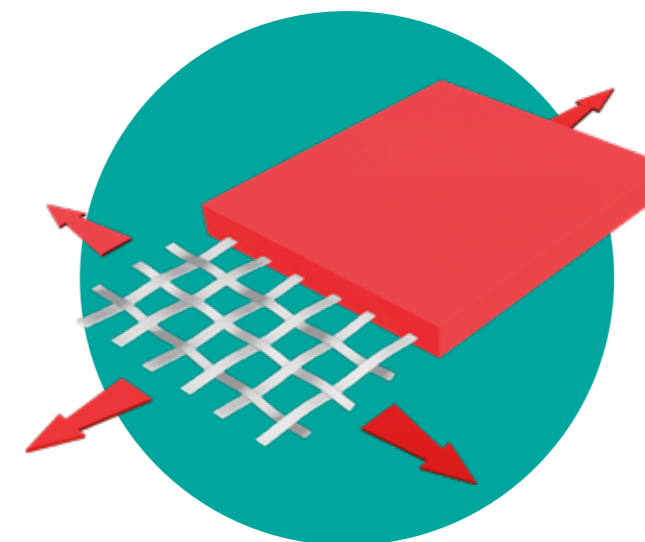
TS: Solar Transmission (%)
RS: Solar reflection (%)
AS: Solar absorption (%)

TS + RS + AS = 100% of incident energy
TV n-h: Normal-hemispherical visible light transmission (%)

Exclusive Précontraint® technology

Patented worldwide, **Précontraint® Serge Ferrari** technology involves maintaining tension on the composite throughout the manufacturing process.

This gives our materials exceptional performance, enabling them to exceed market standards in dimensional stability, mechanical strength, coating thickness, and flatness.



Fabric base made of high-strength polyester microfilaments

- High-tenacity polyester micro-yarn base cloth
- A coating with fabrics under bi-axial constant tension in both warp and weft directions
- Greater coating at the top of the yarns and a dirt resistant surface treatment
- Exceptional flatness and thinness
- Superior elongation and tear resistance
- No deformation during processing and use
- Superior aesthetic and mechanical durability
- Smooth finish easy to clean, space saving, easy rolling

Serge Ferrari

Soltis Lounge 96

A breathable membrane
The micro-perforations of Soltis Lounge 96 allows air circulation. Heat is naturally dissipated thus avoiding the greenhouse effect.

Serge Ferrari

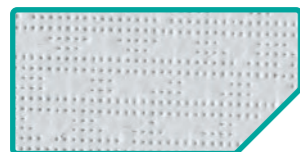
Soltis Veozip

Soltis Veozip is the ideal fabric for enjoying your outdoor view due to its unmatched transparency.

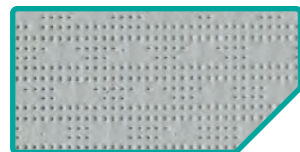
Its matt, woven aspect will embody your terrace's warm, elegant design.

Color options

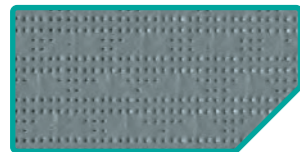
400g/m² - 0.45mm



▶ Cloud
120cm - 267cm
96-50272



▶ Boulder
120cm - 267cm
96-2171



▶ Platinum
120cm - 267cm
96-50844



▶ Bronze
120cm - 267cm
96-2043



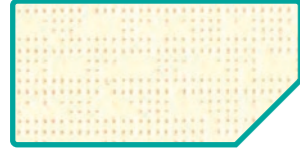
▶ Anthracite
120cm - 267cm
96-2047



▶ Black
120cm - 267cm
96-8450



▶ White
120cm - 267cm
96-8102



▶ Off white
120cm - 267cm
96-1103

A feeling of freedom

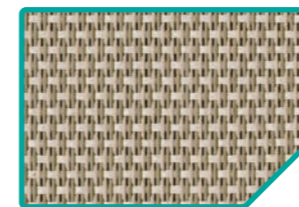
The perforated aspect of **Soltis Lounge 96** allows you to take full advantage of natural light, even in the house, without being dazzled. It allows to enjoy the outside view, even when the blind is deployed.

Durable aesthetics

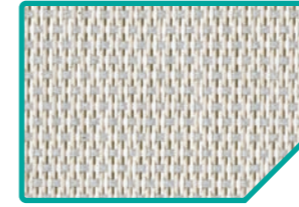
- Soltis Lounge 96 unique visibility properties differentiate it from competitors and give it an inimitable contemporary dimension.
- It ensures long-term structural aesthetics: rigorous selection of quality pigments ensuring long-term UV colorfastness its smooth surface does not retain dirt and facilitates cleaning.

Color options

400g/m² - 0.45mm



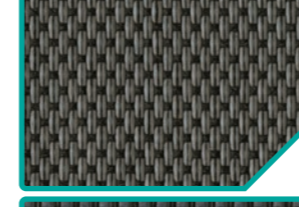
▶ Natural
7605 - 51187



▶ Frost white
7605 - 51184



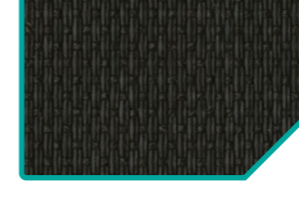
▶ Mistral
7605 - 51189



▶ Sea lion
7605 - 51192



▶ Shadow
7605 - 51194

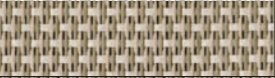






▶ Graphite black
7605 - 51198

As an effective extension of your living space, your pergola equipped with **Soltis Veozip** creates a real cocoon outside.

You'll fully enjoy your fun times sheltered from the wind and heat, while remaining within your outdoor environment.

Solar and light properties (EN 14501)

		TS	RS	AS	TV n-h	g_{tot}^e EN13363-2 Type C glazing	g_{tot}^e EN13363-2 Type D glazing	14501 Class g_{tot}^e EN13363-2 Type C ou D glazing
Frost white 51184		9	59	32	8	0,07	0,04	4
Natural 51187		7	37	56	7	0,06	0,04	4
Mistral 51189		5	28	67	5	0,05	0,03	4
Sea lion 51192		8	13	79	7	0,07	0,05	4
Shadow 51194		5	7	88	5	0,06	0,04	4
Graphite black 51198		5	5	90	5	0,06	0,04	4

TS: Solar Transmission (%)
RS: Solar reflection (%)
AS: Solar absorption (%)

TS + RS + AS = 100% of incident energy
TV n-h: Normal-hemispherical visible light
transmission (%)

Cristal Zero

Options



► PVC sheet



► Invisible welding

Zero-shrinkage PVC film with protective coating.

Transparent 0.5mm thick film with excellent UV resistance. It protects even large surfaces from weather conditions and has outstanding mechanical properties.

- Excellent thermal insulation
- 0% shrinkage for maximum dimensional stability
- Recyclable.

Invisible welding

The new Invisible Welding for transparent PVC films uses vertical welding, eliminating the visible seams of traditional methods. In addition to its flawless appearance, it significantly reduces shrinkage, maintaining dimensional stability. An ideal solution for applications requiring transparency and durability without compromise.



Technical features



Operation options



► With crank



► Motorized

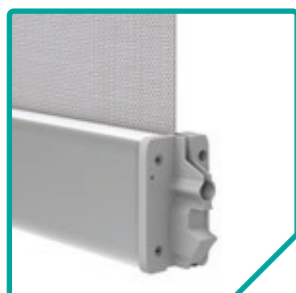
Components:



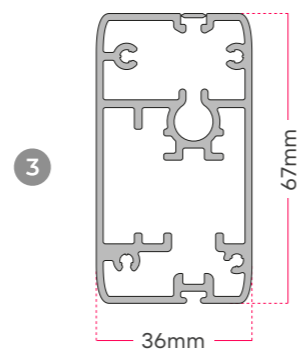
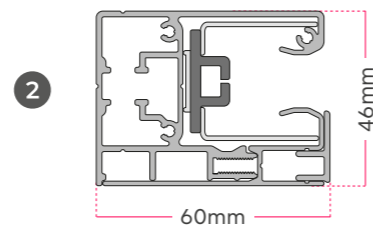
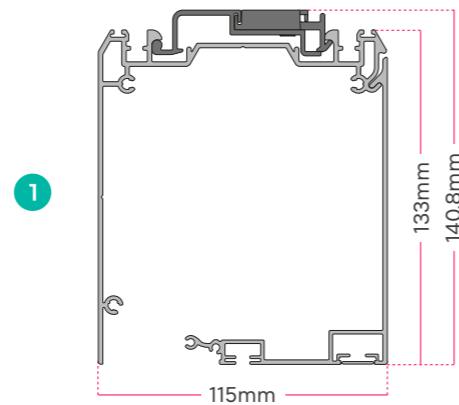
► Aluminum box with front access



► Side guides

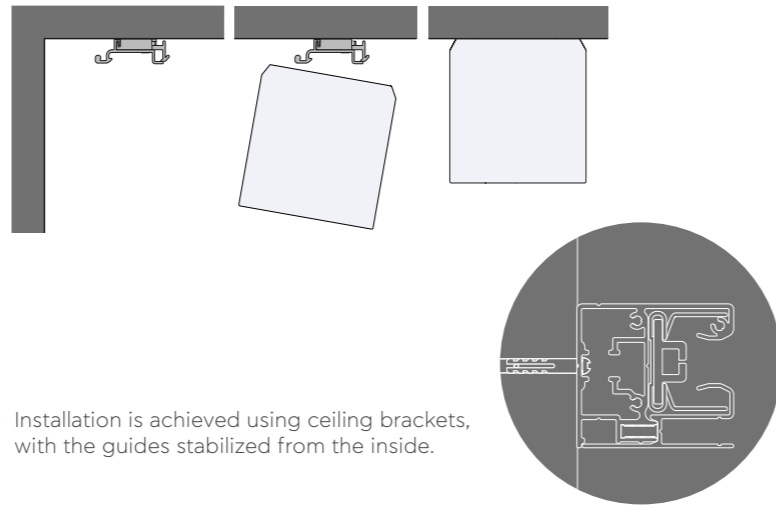


► Counterweight made of T6060 aluminum alloy and thermoplastic end caps resistant to shocks.



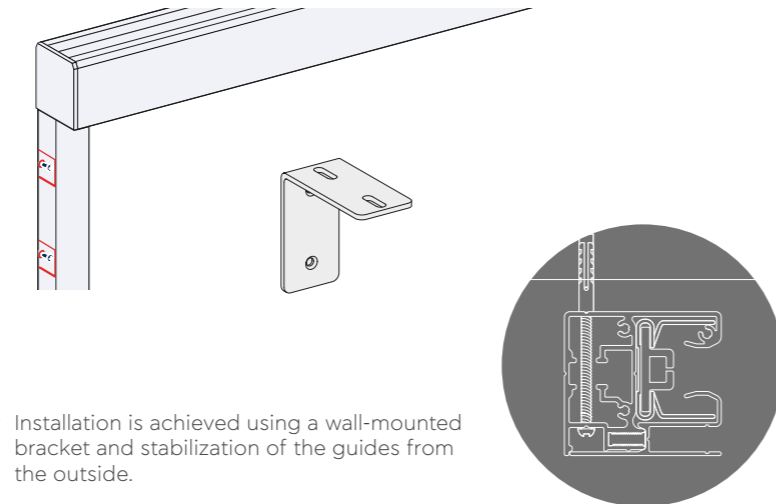
Installation

Internal support



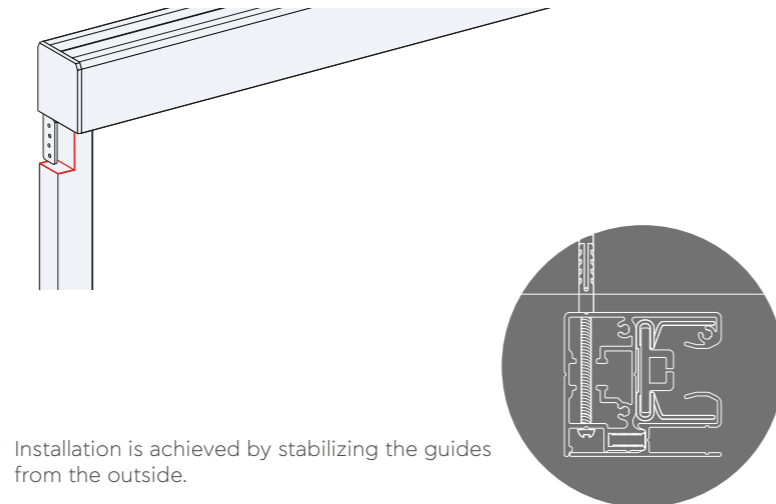
► Installation is achieved using ceiling brackets, with the guides stabilized from the inside.

Wall support

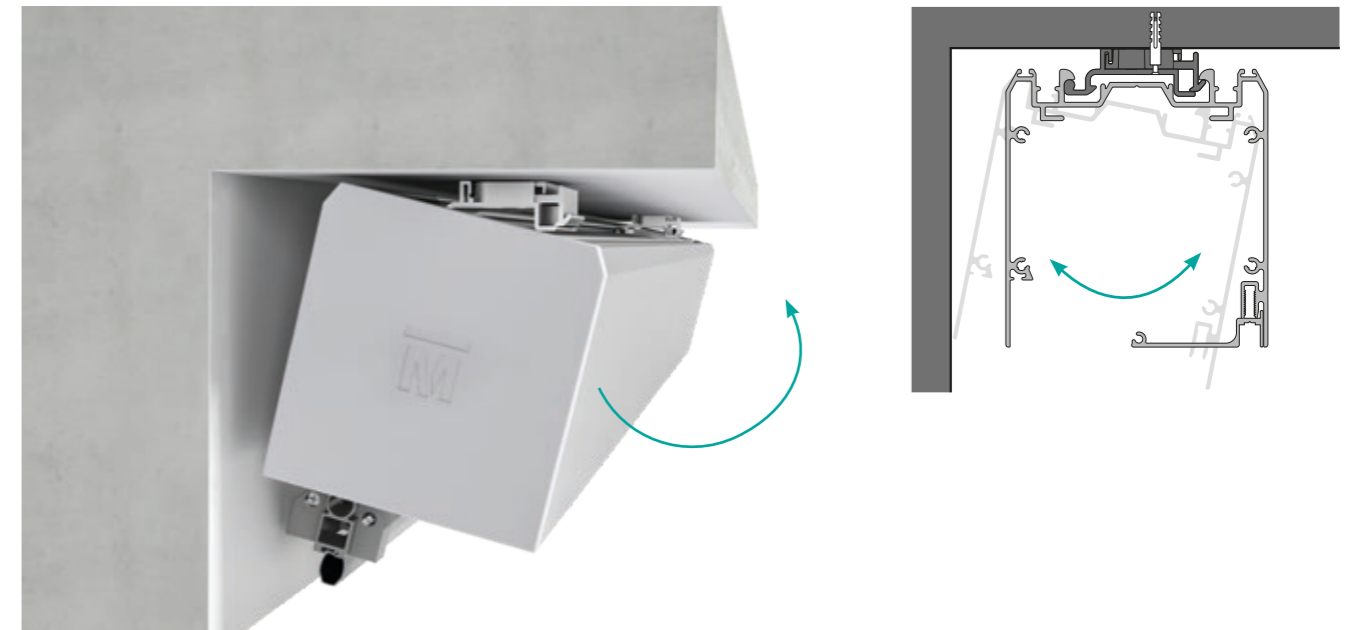


► Installation is achieved using a wall-mounted bracket and stabilization of the guides from the outside.

Wall support



► Installation is achieved by stabilizing the guides from the outside.



► Direct fixing of the cassette with screws (without a ceiling bracket) is possible. It is essential to remove the shaft beforehand.

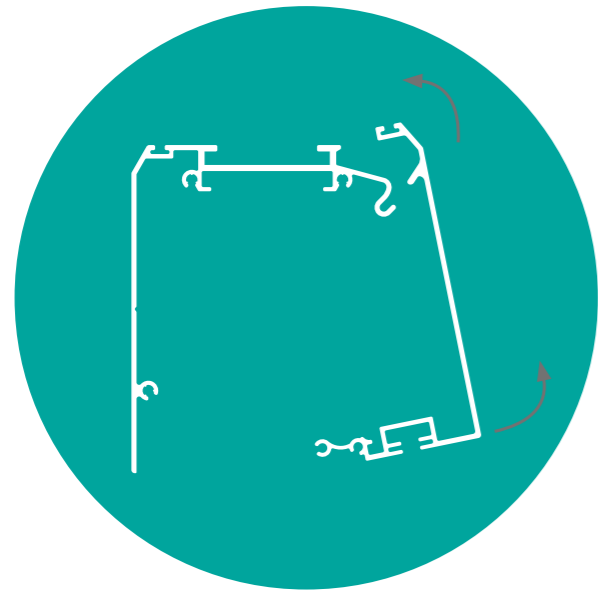


► Support with snap-on ceiling bracket.



► Installation with direct fixing of the guides.

Maintenance



- ▶ Access to the cassette for maintenance and inspection.

Motor cable outlet options



Inclined floors



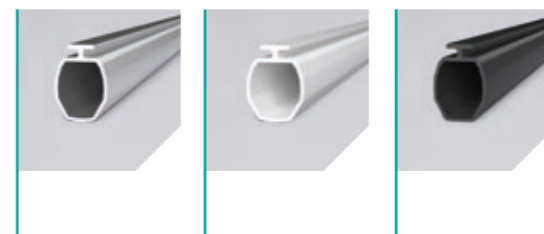
- ▶ The Zip Wind Device allows for positional adjustment, even on steeply inclined floors, to ensure proper locking of the blind's lower section.

Waterproofing

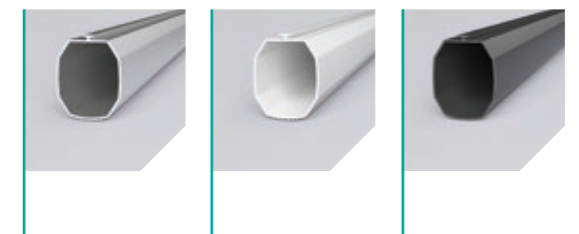
- ▶ The special tubular cover gaskets, inserted on the box, allow complete adhesion to the ceiling even in case of irregular ceilings.



- ▶ To eliminate the light gap between the bottom bar and the floor, a tubular gasket is used. Available in 15mm and 40mm sizes, it offers an effective and easy-to-clean solution.



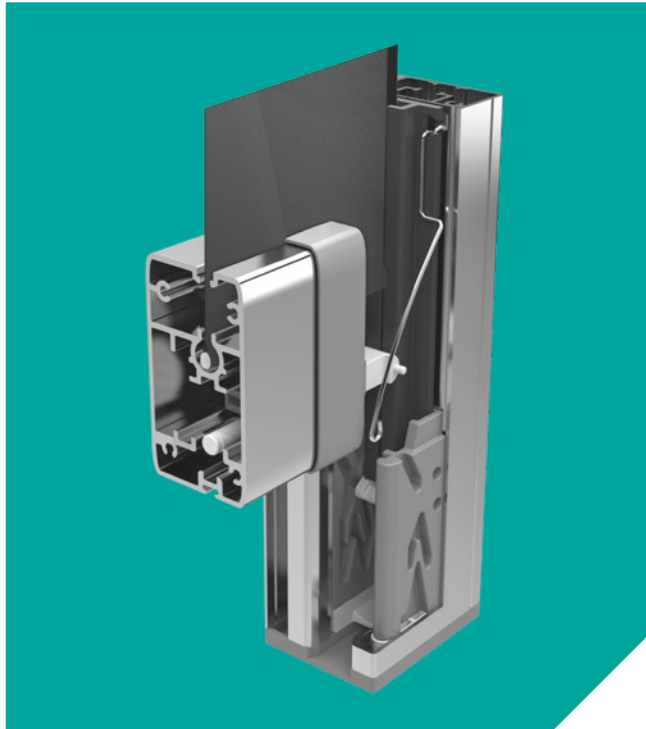
1272 - 15mm



1277 - 40mm

Add-ons

ZIP Wind Device



► **Innovative locking system:**

The Zip Wind Device secures the covering material firmly, providing exceptional stability and protection.

► **Precision fabric tensioning:**

Designed for optimal performance, it stretches the fabric to ensure a flawless fit and superior resistance to strong winds.

► **Durability in all conditions:**

Engineered to maintain stability and reliability, the system guarantees long-lasting performance even in the harshest weather.

Block Wind Device



► **Innovative mechanical locking**

The BWD system enhances awning structural durability, providing robust protection against strong winds.

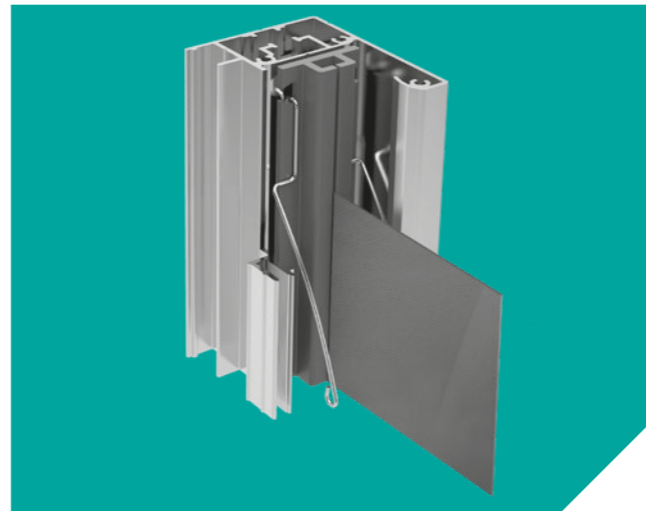
► **Secure connection & stability**

It connects and stabilizes awning components, ensuring the fabric remains firmly in place under all weather conditions.

► **Reliable wind resistance**

Designed to strengthen the entire system, the BWD offers dependable performance and confidence in the harshest environments.

Constant-tension springs



► **Windproof side guides**

The side guides provide excellent sealing, ensuring reliable wind resistance and fabric stability.

► **Secure, even fabric tension**

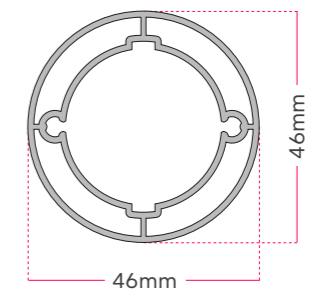
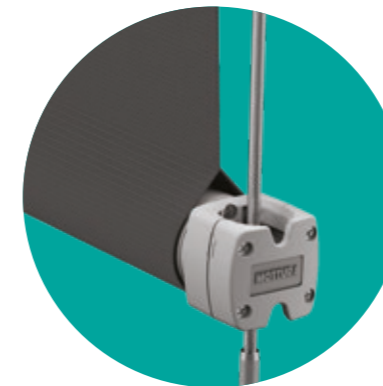
Welded zippers keep the fabric firmly in the guide, while constant-tension stainless steel springs ensure uniform tension, even on uneven surfaces.

Installation with steel cable

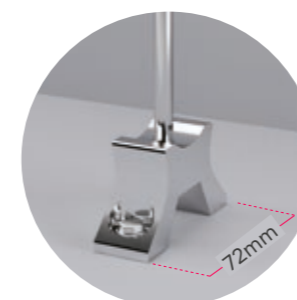


- 1 Clamp
- 2 Stainless steel cables
- 3 End cap
- 4 Wall support

Counterweight cover with BWD system



Block Wind Device



- Wall tensioner Floor version



- Wall tensioner Wall version

LED Lighting



► TOPBOX 4115 with LED Backlighting

Integrated lighting

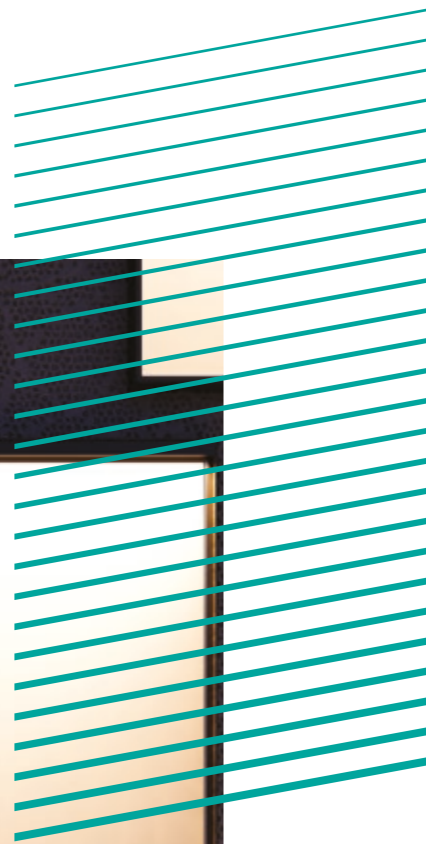
Features built-in LED backlighting for subtle, ambient illumination.

Design enhancement

Transforms the Zip screen into a functional design element.

Innovative technology

Combines aesthetics and functionality in a single, advanced solution.





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