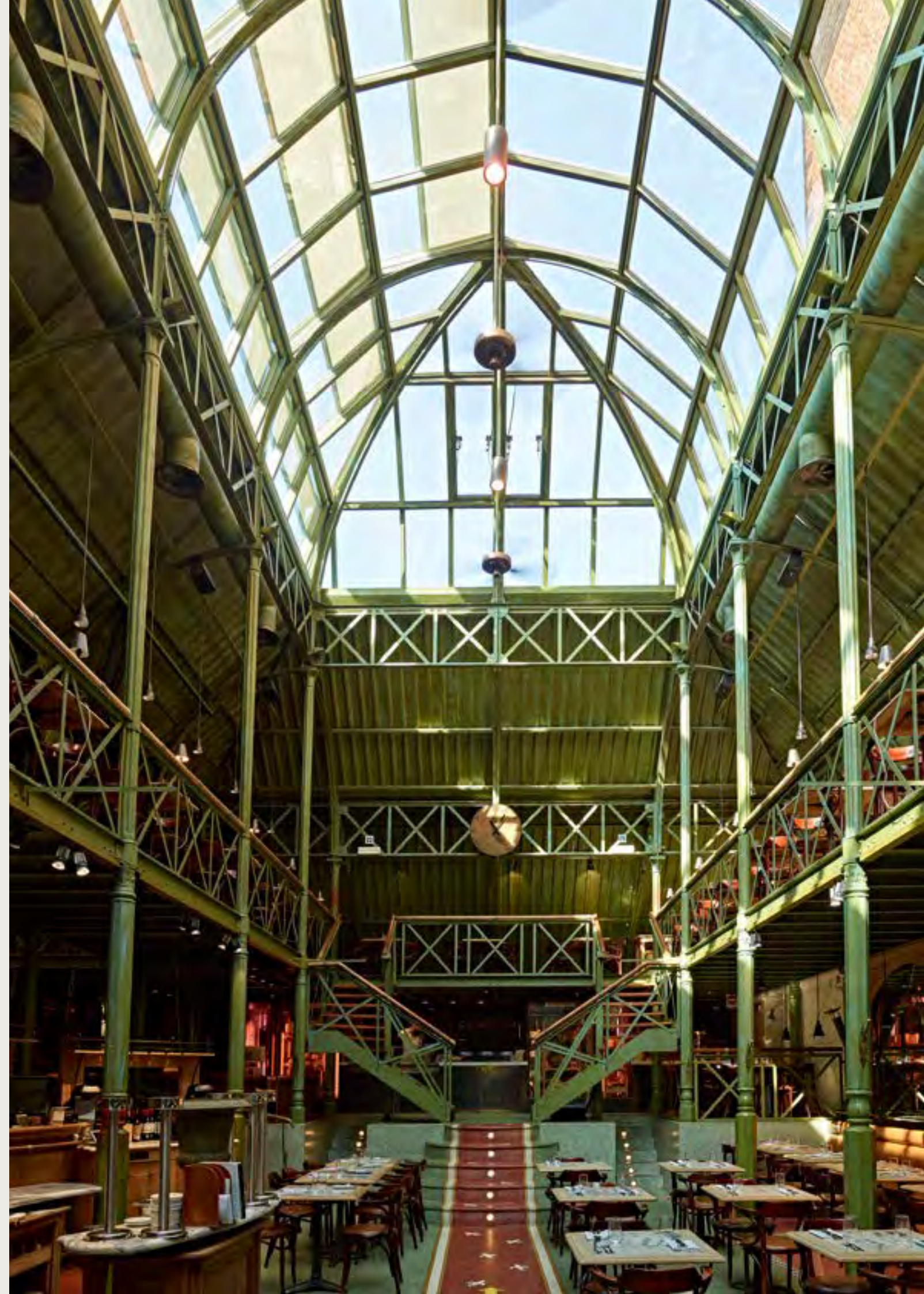


HORIZONTAL FABRIC SUN PROTECTION

Horizontal fabric sun protection reflects the heat for skylights, verandas, etc. Surface areas up to maximum 30 m² are perfectly possible. Both windproof and non-windproof solutions are possible. Horizontal or angled glazing is also extremely suitable for your home, hospitals, nursing homes, offices, schools, atriums, shopping centres...



TOPFIX® (MAX)



TOPFIX® (VMS)

The Topfix (VMS) is a zenithal, windproof fabric sun protection. Windproofing is achieved by combining a revolutionary tensioning technique with the renowned Fixscreen-technology. The offers unrivalled fabric tension. Flapping and torn fabrics are a thing of the past, even with extreme wind gusts up to 120 km/h.

Topfix VMS is an recognised solution (patented technology) and was specially developed for the Velux® Modular Skylights modules. The Topfix VMS can be fitted both above the fixed and movable modules, thanks to special mounting feet that allow perfect installation.



Multi-purpose

Residential or for projects, on all types of windows. Topfix VMS for Velux Modular Skylights, above both fixed and movable modules.



Various installation options

Directly on window or with mounting feet. Top, bottom or side-mounted head box.

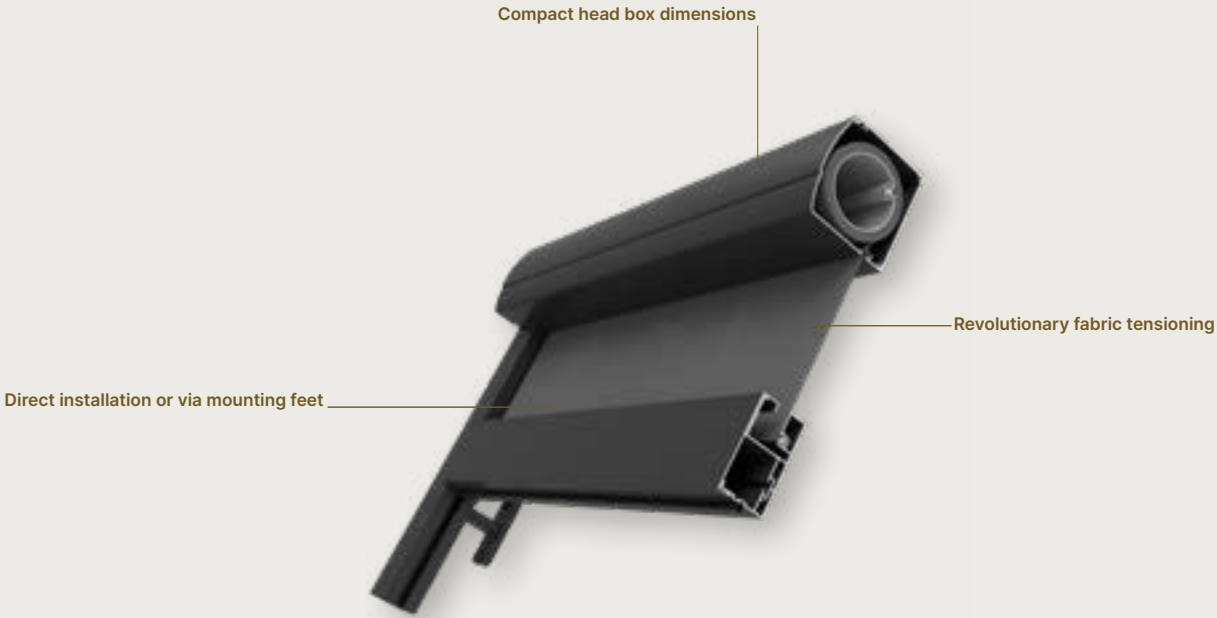


Compact head box design

Vast collection of fabrics and powder coating colours
Perfect alignment with architecture home

Durable inner rail equipped with Smooth-technology
The patented, co-extruded, wear-resistant top layer in our HPVC inner rail ensures a smooth, durable and soundless guiding of the fabric.

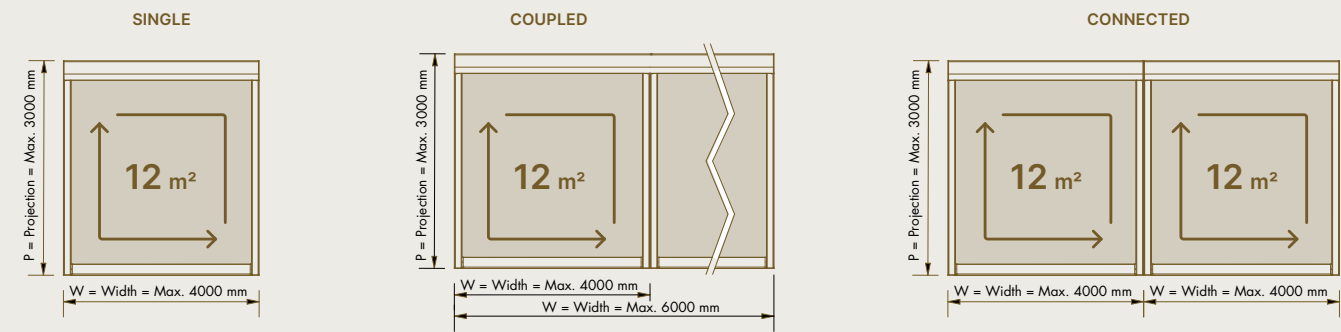
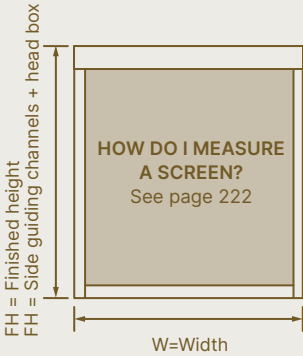
Fixscreen®-technology guarantees high resistance
High wind guarantee up to 120 km/h, thanks to the use of symmetrical zips.

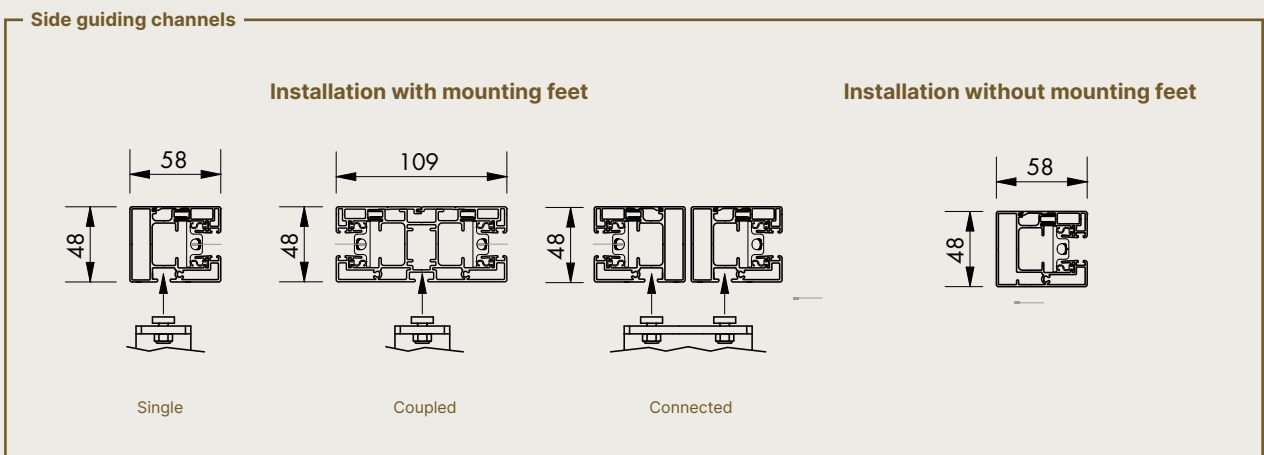
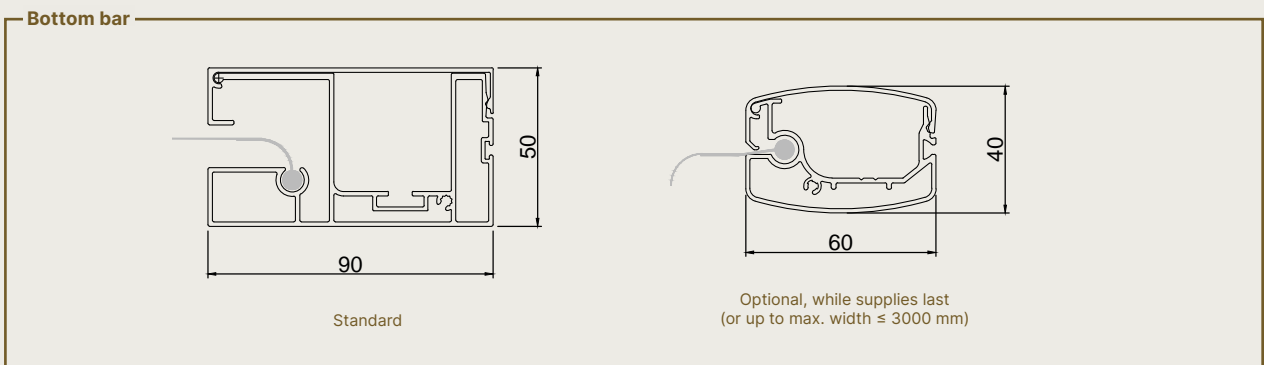
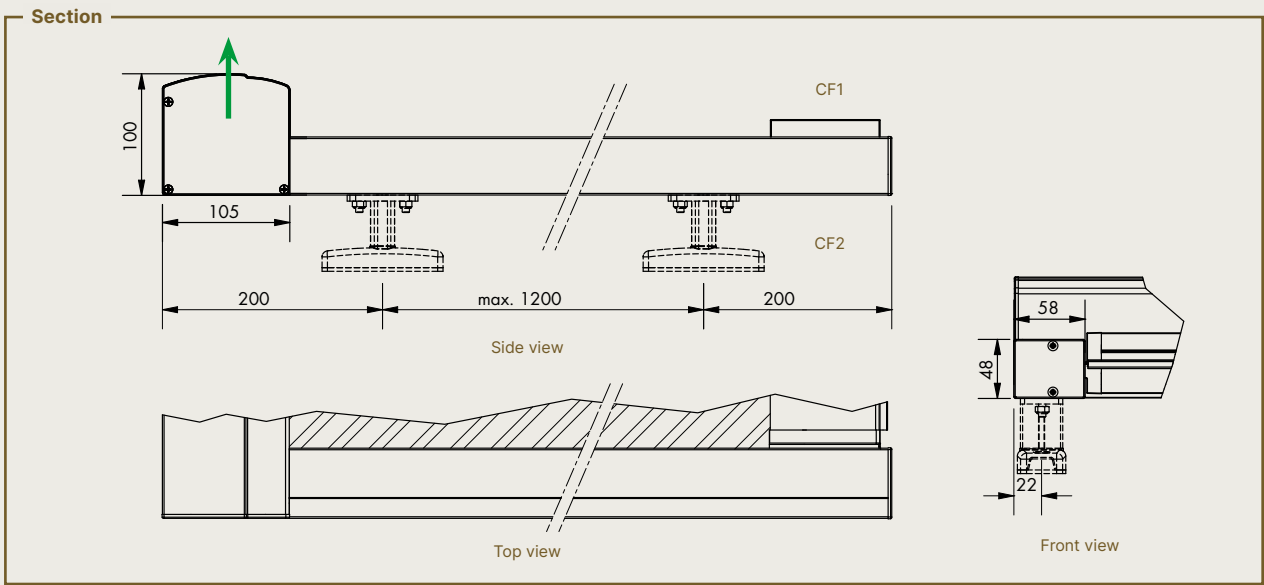


Design	
Head box dimensions (HxD)	105 mm x 100 mm
Head box extension	-
Retractable bottom bar	-
Base plate side guiding channel	-
Wind resistance	
Wind classification EN13561:2004	3
Wind tunnel test report	N° EAR0852
Guaranteed wind resistance	Up to 120 km/h in closed position
Control	
Detecto Renson motor Safety First	-
Rensonmotor, mechanical 24V	✓
Somfy mechanic motor	✓
Somfy IO radio-controlled motor	✓
Certificates	
Declaration of Performance (DoP)	DOP-201409 – F003

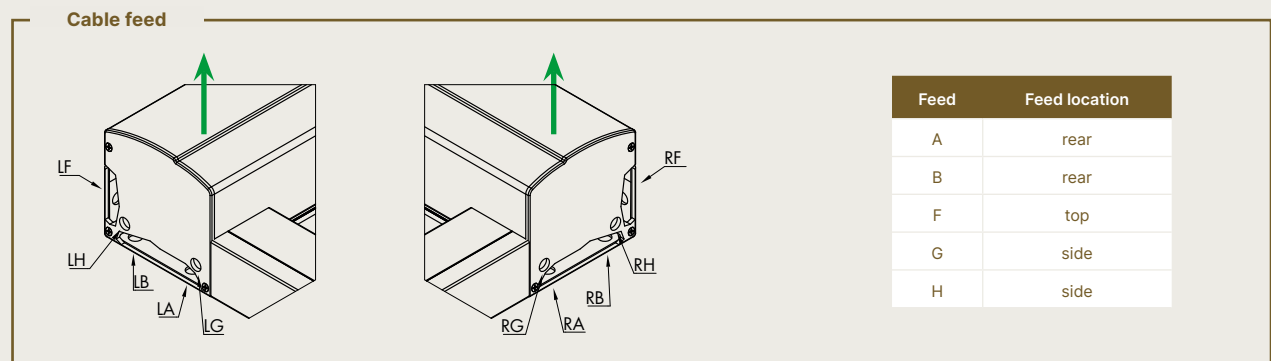
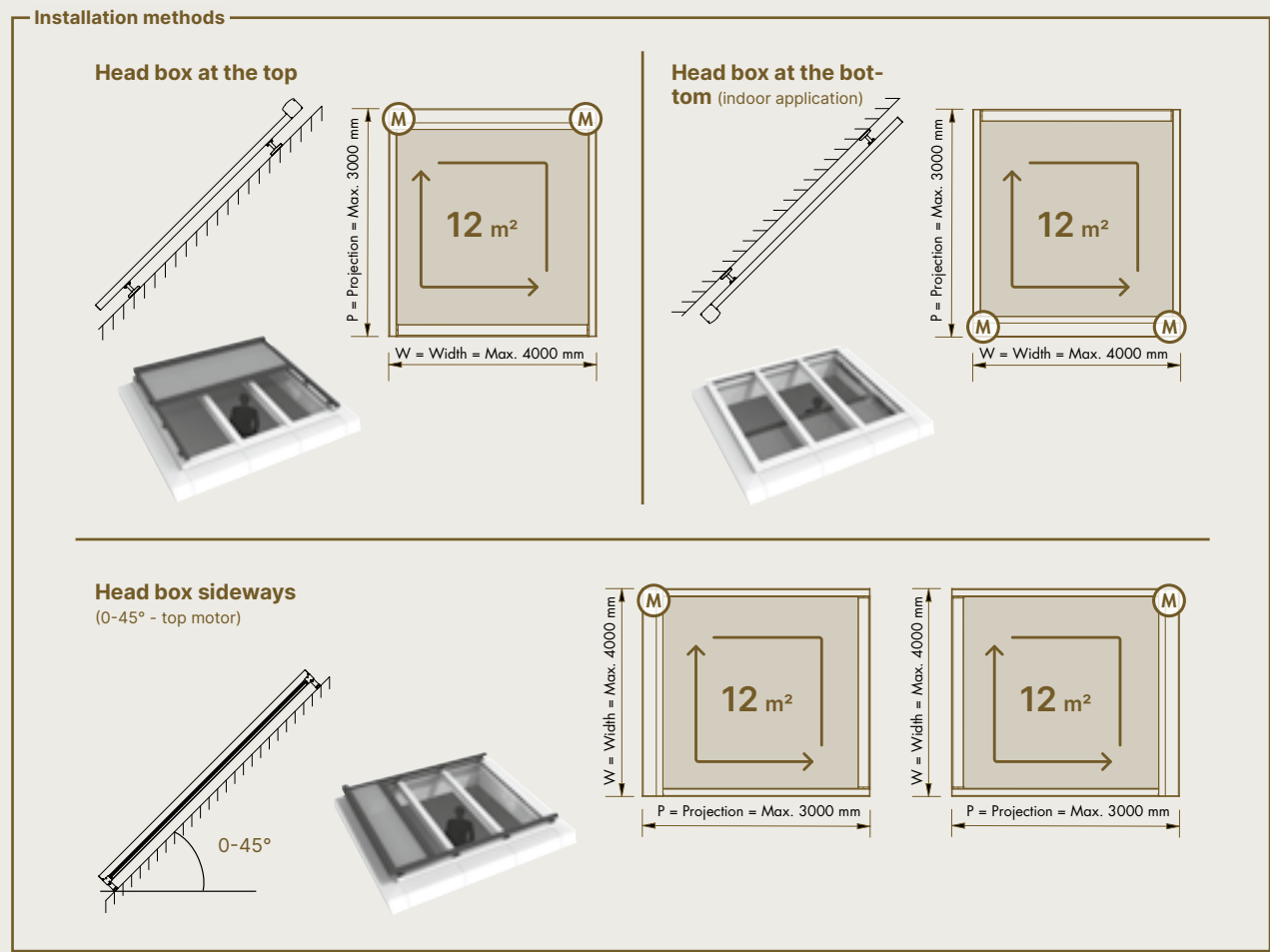
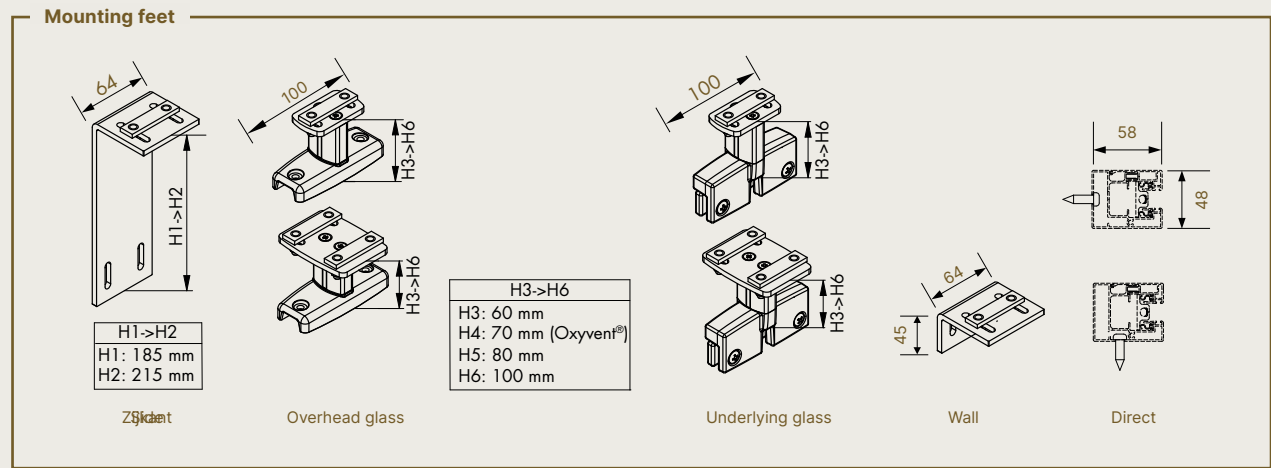
Dimensions		
Single screen		
Polyester fabric Soltis Horizon 86 / Soltis Perform 92	Min. width	1000 mm
	Max. width	4000 mm
Blackout polyester fabric Soltis Opaque B92	Max. projection	3000 mm
	Max. surface area	12 m²
Coupled screen with 1 motor		
Polyester fabric Soltis Horizon 86 / Soltis Perform 92	Min. width	2300 mm
	Max. total width	6000 mm
Blackout polyester fabric Soltis Opaque B92	Max. section width	4000 mm
	Max. projection	3000 mm
	Max. total surface area	18 m²
Linked screens		
Possible dimensions per section, per fabric type according to 'single screen' table The max total area is 24 m², of which 1 section is max 12 m². Required intermediate dimension (expansion): 1 mm per 1000 mm width		

- NOTE
- In the case of direct window installation, deflection of the bottom bar must be taken into account.
 - If the Topfix is installed across several glass sections, it is strongly recommended to use mounting feet in order to avoid contact between the bottom bar and the window profile.
- Fabrics:
- Scope of application for fabric depends on the incline. See separate table 'Inclination angle fabrics for horizontal fabric sun protection' on page 184
 - In the case of greater widths, there is a risk of the fabric dragging against the glass surface



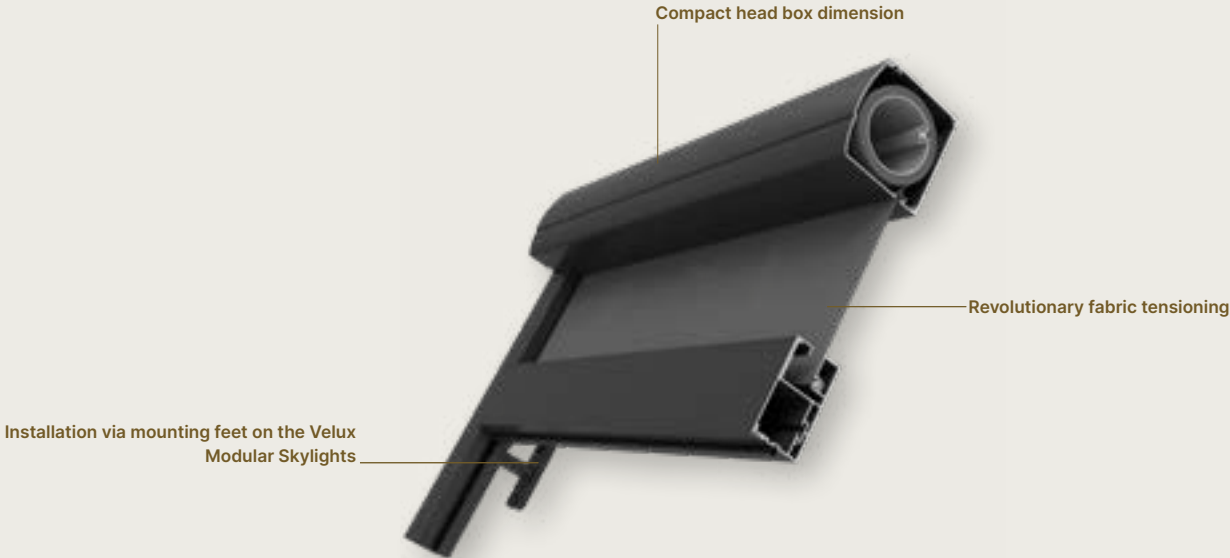


View your Topfix from the perspective from which you remove the fabric set (→). This determines the left or right cable feed option choice.



View your Topfix from the perspective from which you remove the fabric set (→). This determines the left or right cable feed option choice.

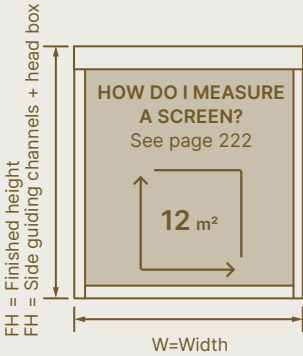
TOPFIX® VMS



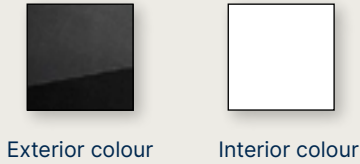
Design	
Head box dimensions (HxD)	105 mm x 100 mm
Head box extension	-
Retractable bottom bar	-
Base plate side guiding channel	-
Wind resistance	
Wind classification EN13561:2004	3
Wind tunnel test report	N° EAR0852
Guaranteed wind resistance	Up to 120 km/h with mounting bases 80 mm Up to 80 km/h with mounting bases 160 mm
Control	
Detecto Renson motor Safety First	-
Rensonmotor, mechanical 24V	✓ (obligatory for smoke extraction)
Somfy IO motor	✓
Becker SMI motor	✓
Certificates	
Declaration of Performance (DoP)	DOP-201409 – F003

Dimensions		
Single screen		
Polyester fabric Soltis Horizon 86 / Soltis Perform 92	Min. width	1000 mm
	Max. width	4000 mm
	Max. projection	3000 mm
	Max. surface area	12 m²

- NOTE
- Topfix VMS mounting bases can only be installed on fixed Velux modules, but opening modules may be present between the fixed modules
 - For all requirements and preconditions to ensure correct installation on Velux windows: see product specification file
 - The necessary sensors or programming within your building management system must be provided
 - Installation training is mandatory for the installer
- Options:
- Toolkit case optionally available
 - Setting cable for Becker SMI and Rensonmotor (24V) optionally available

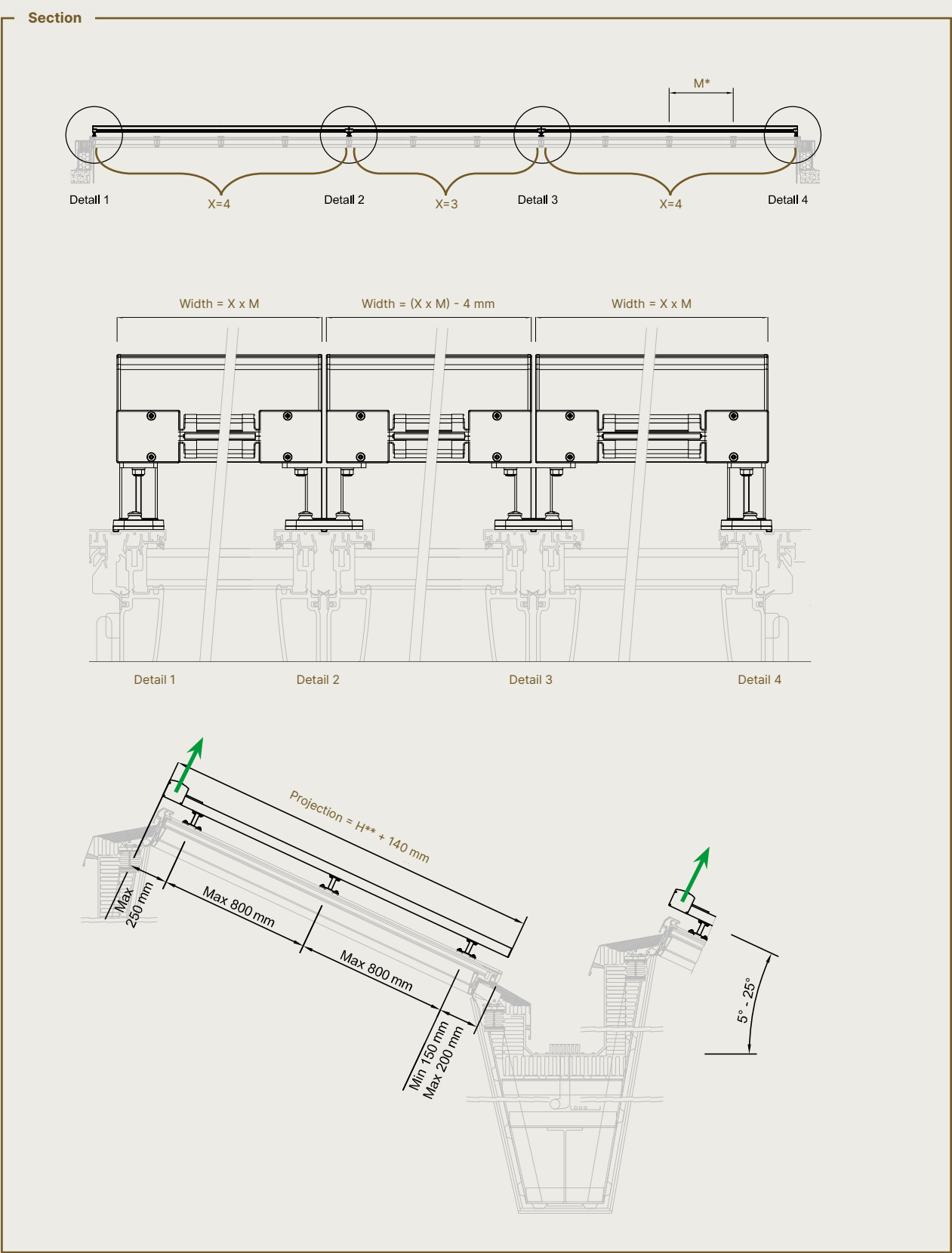


TIP from VELUX® - Powder coating colours:
If you want to order the Topfix VMS in the same colour as the exterior colour of the VELUX® Modular Skylight. Renson reference: Akzo, YW359F
If you want to order the Topfix VMS in the same colour as the interior colour of the VELUX® Modular Skylight. Renson reference: Axalta, AE70019100125, RAL9010



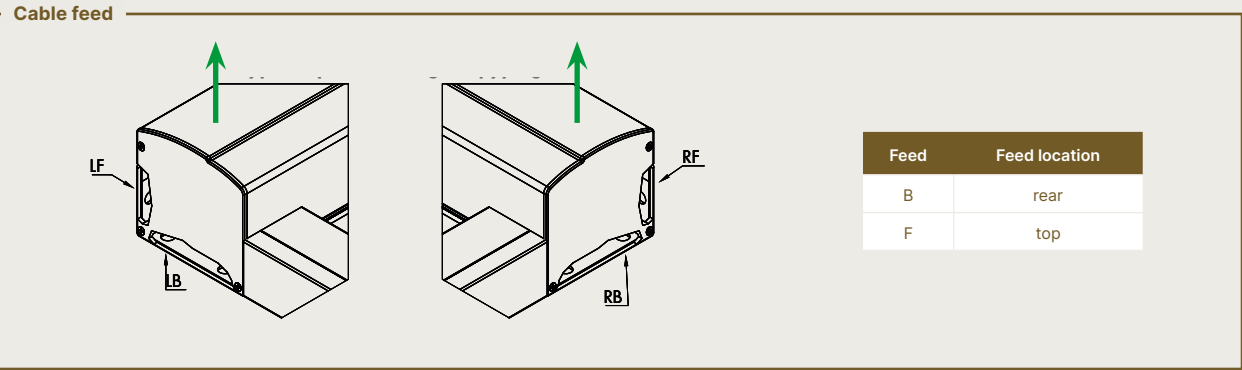
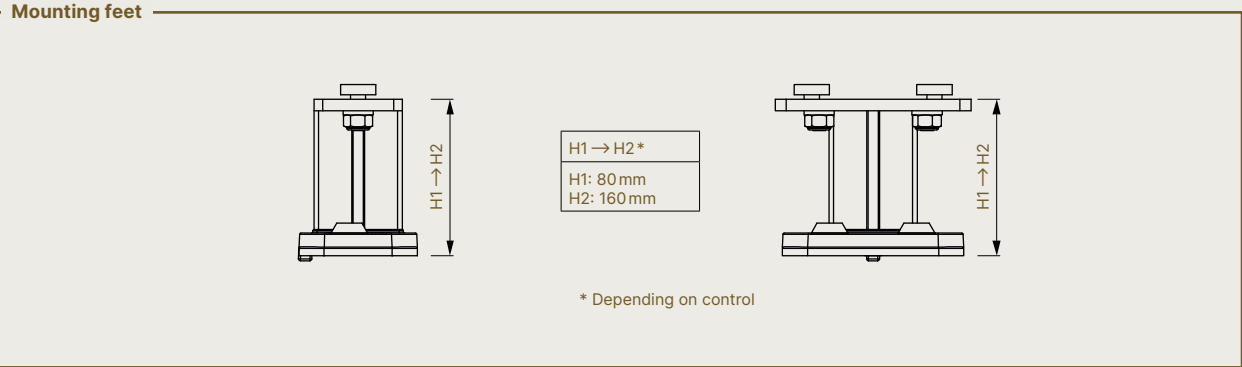
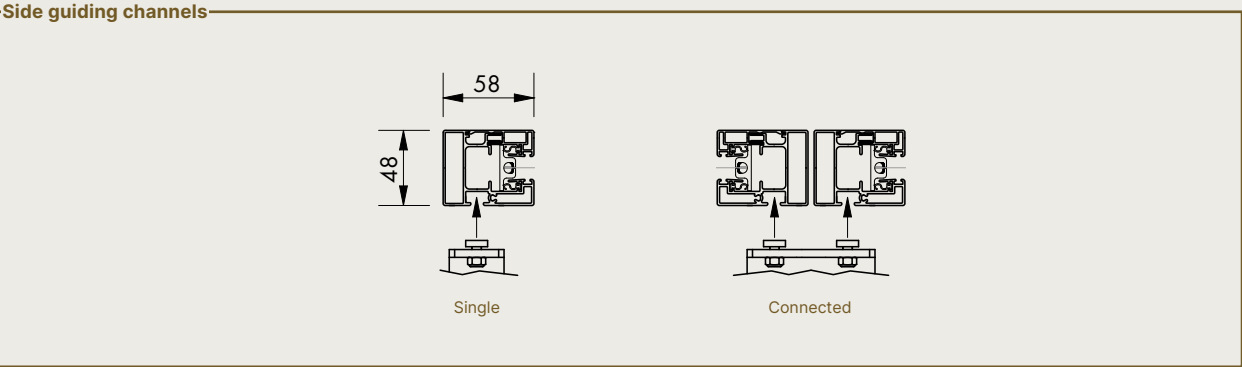
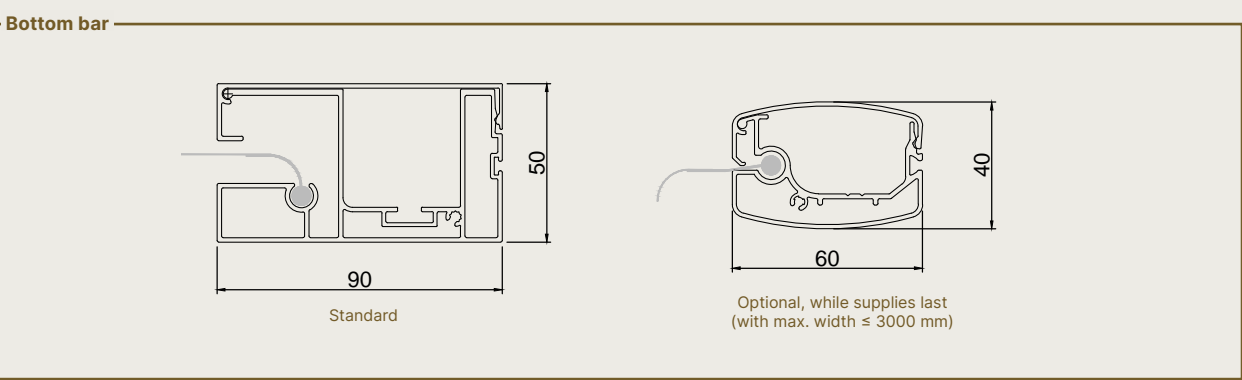
TIP from VELUX® - Fabric colours:

S86 – 2044	
S92 – 2044	



* M is the width of the underlying VMS module
 ** H is the projection of the underlying VMS module

View your Topfix from the perspective from which you remove the fabric set (←).
 This determines the left or right cable feed option choice.



View your Topfix from the perspective from which you remove the fabric set (→).
 This determines the left or right cable feed option choice.

TOPFIX® MAX (F)



TOPFIX[®] MAX (F)

This horizontal sun protection features a new revolutionary tensioning technique that can handle large surface areas. This integrated tensioning technique achieves unrivalled fabric tension. Flapping and torn fabric are a thing of the past. Topfix Max reflects the heat for skylights, verandas, etc. In combination with a blackout fabric, complete blackout can be achieved in indoor and outdoor applications – and this up to 30 m². Topfix Max Freestanding can be installed in open structures. This provides room for numerous new installation options that contribute to the Renson[®] Outdoor Concept.

1. MULTI-PURPOSE

The Topfix Max range can be used everywhere, in private homes or projects such as hospitals, offices, schools... It can also be applied to all types of windows.

2. VARIOUS INSTALLATION OPTIONS

There is a solution for every specific application. The Topfix Max can be installed directly on the window or using different types of mounting bases. Topfix Max is also suitable for both indoor and outdoor sun protection. Additionally, the head box can be installed at the top or bottom.

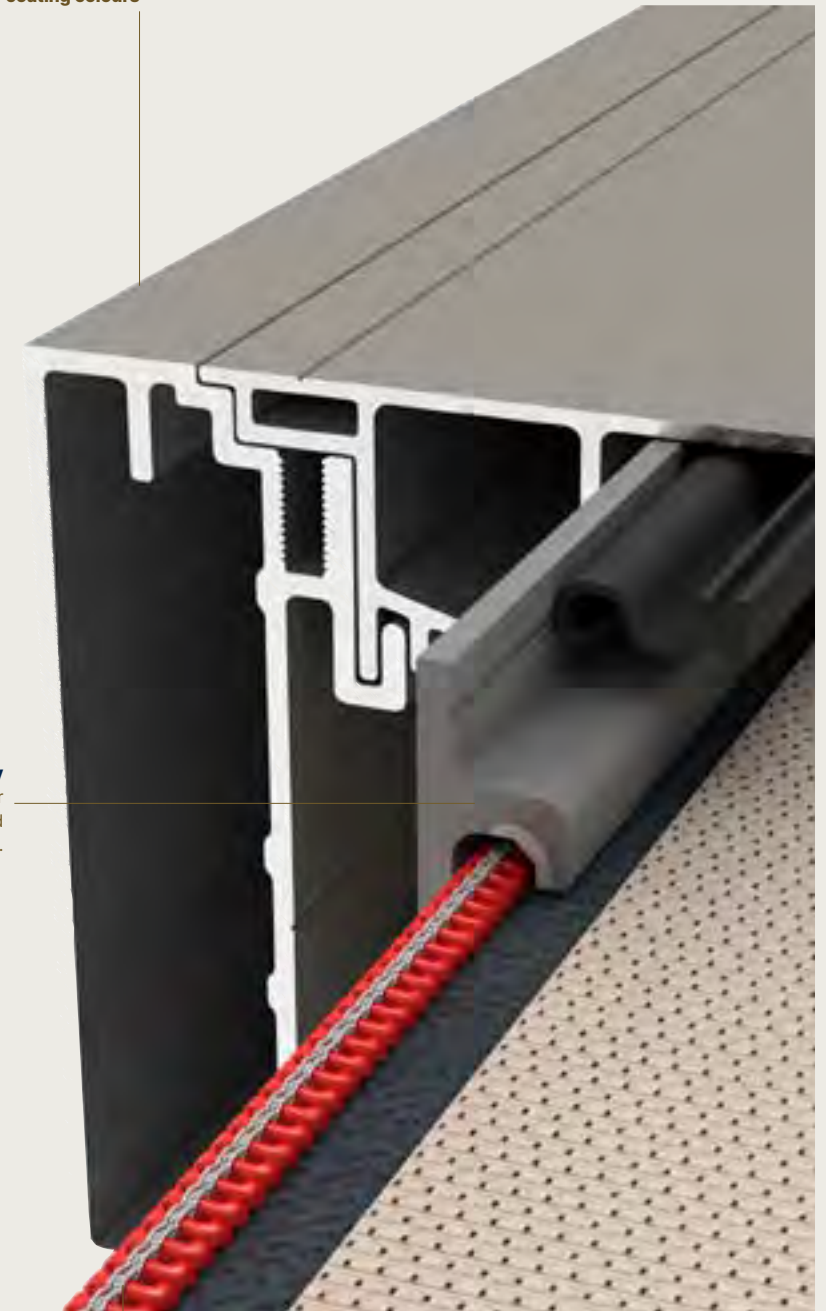
3. LARGE SURFACE AREAS

Thanks to its integrated tensioning technology, Topfix Max (F) is the first windproof fabric sun protection that can handle extremely large surface areas up to 30 m²

With integrated water drainage (Topfix Max F)



Vast collection of fabrics and powder coating colours



Durable inner rail equipped with Smooth-technology

The patented, co-extruded, wear-resistant top layer in our HPVC inner rail ensures a smooth, durable and soundless guiding of the fabric.



Fixscreen-technology guarantees high wind resistance

High wind guarantee up to 120 km/h, thanks to the use of symmetrical zips.



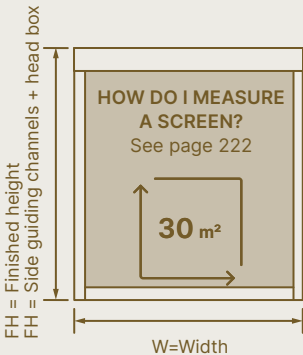
TOPFIX® MAX

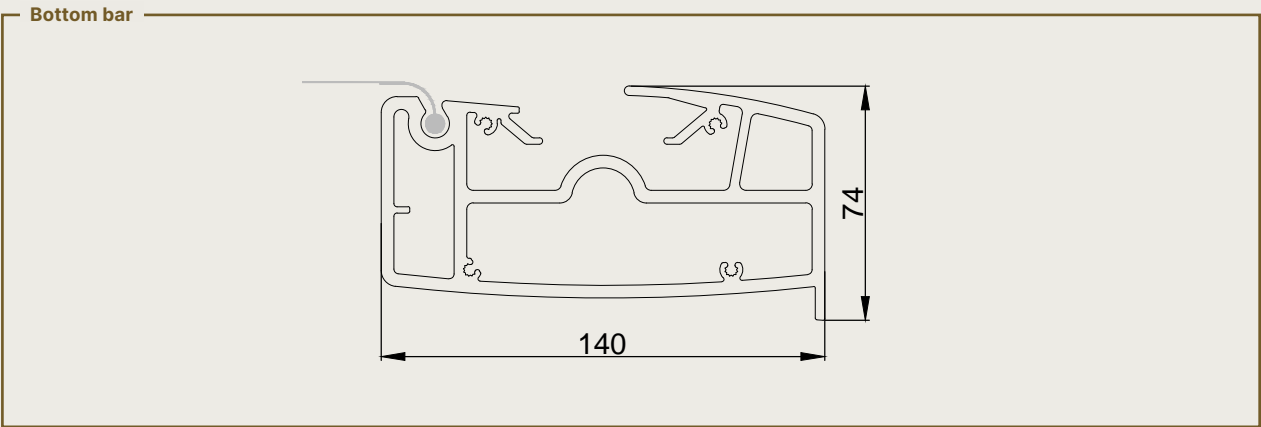
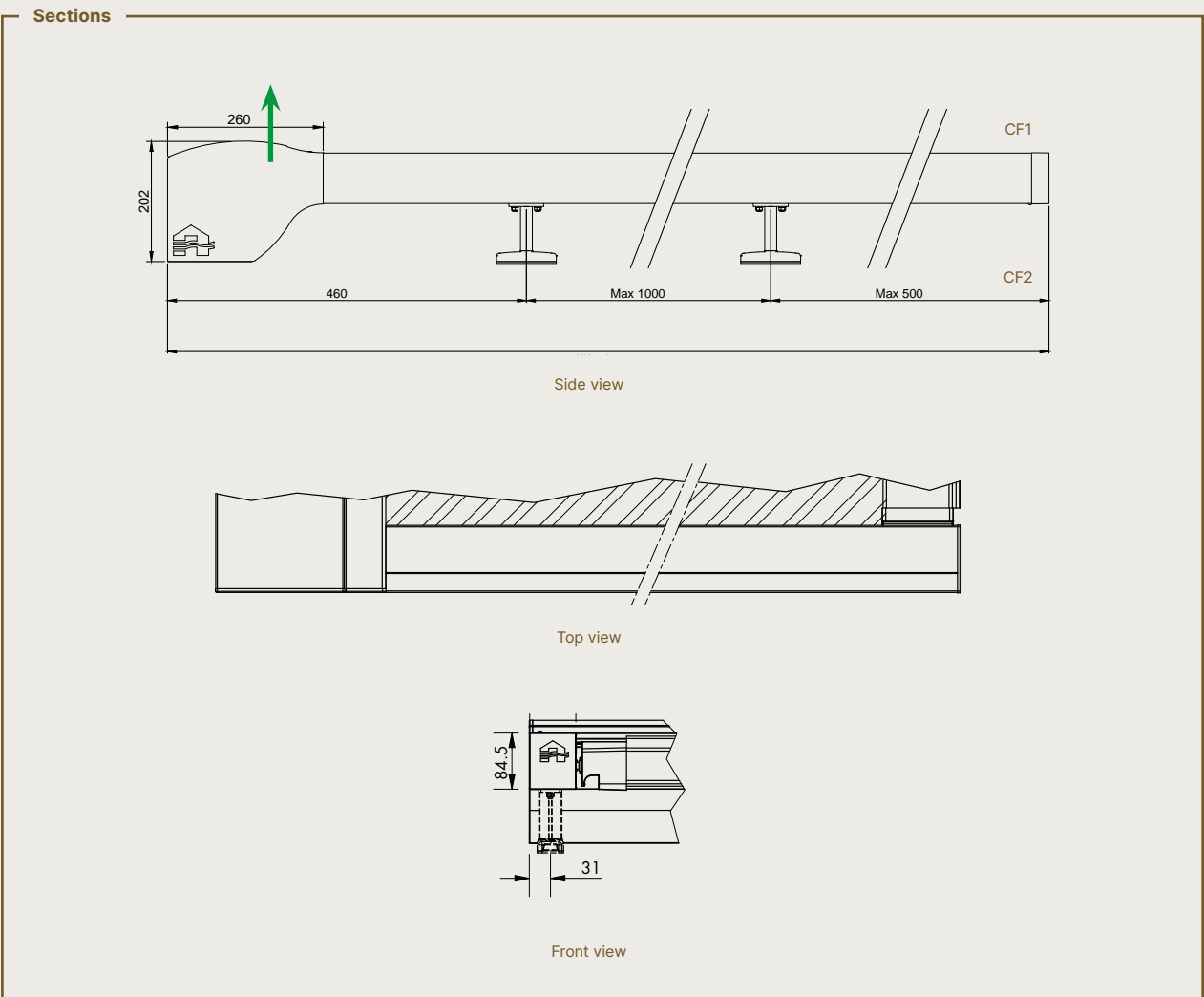


Design	
Head box dimensions (HxD)	260 mm x 202 mm
Head box extension	-
Retractable bottom bar	-
Base plate side guiding channel	-
Wind resistance	
Wind classification EN13561:2004	3
Wind tunnel test report	-
Guaranteed wind resistance	Up to 120 km/h in closed position
Control	
Detecto Renson motor Safety First	-
Somfy mechanic motor	✓
Somfy IO radio-controlled motor	✓
Wind resistance	
Declaration of Performance (DoP)	DOP-201409 – F003

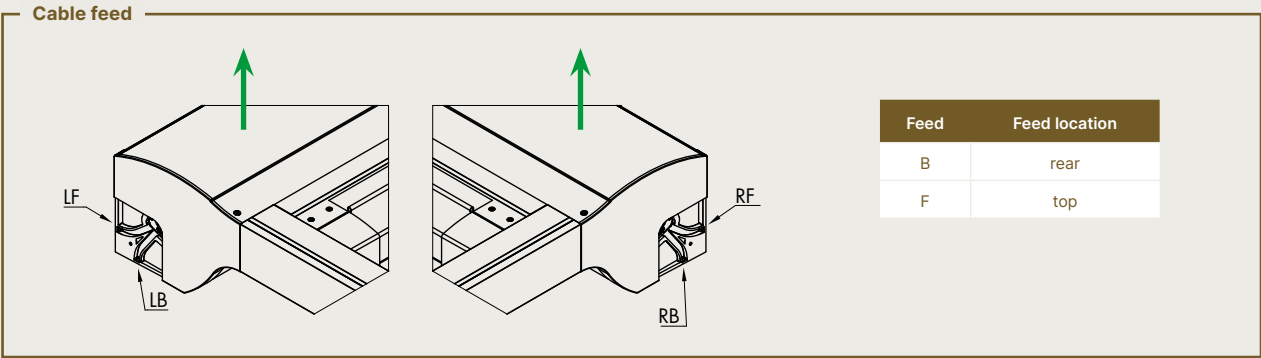
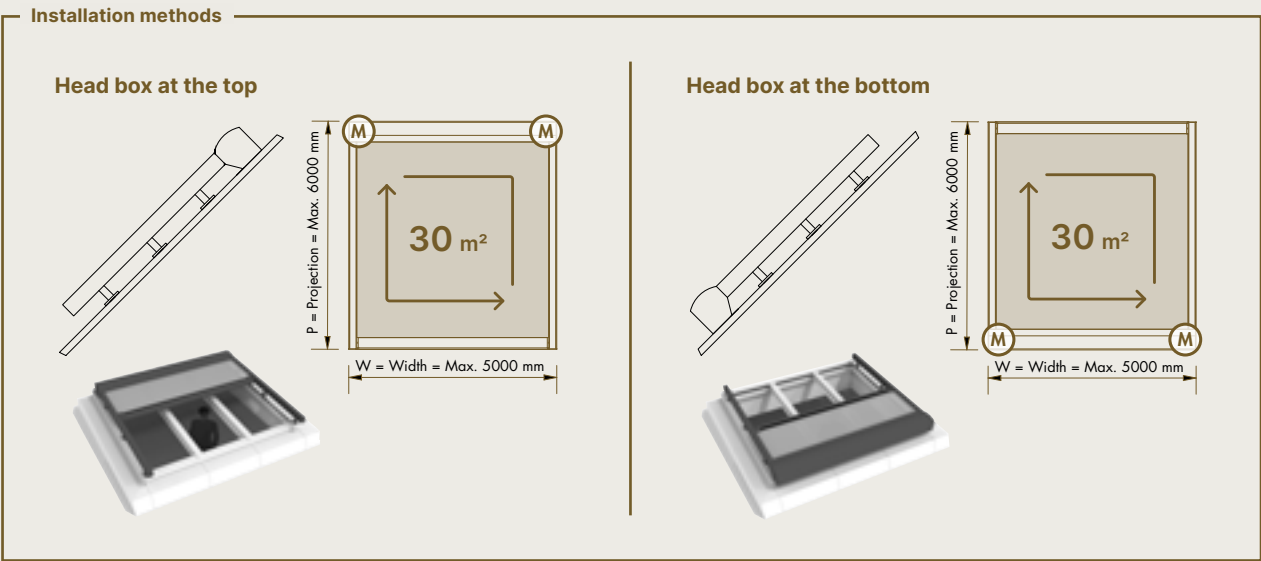
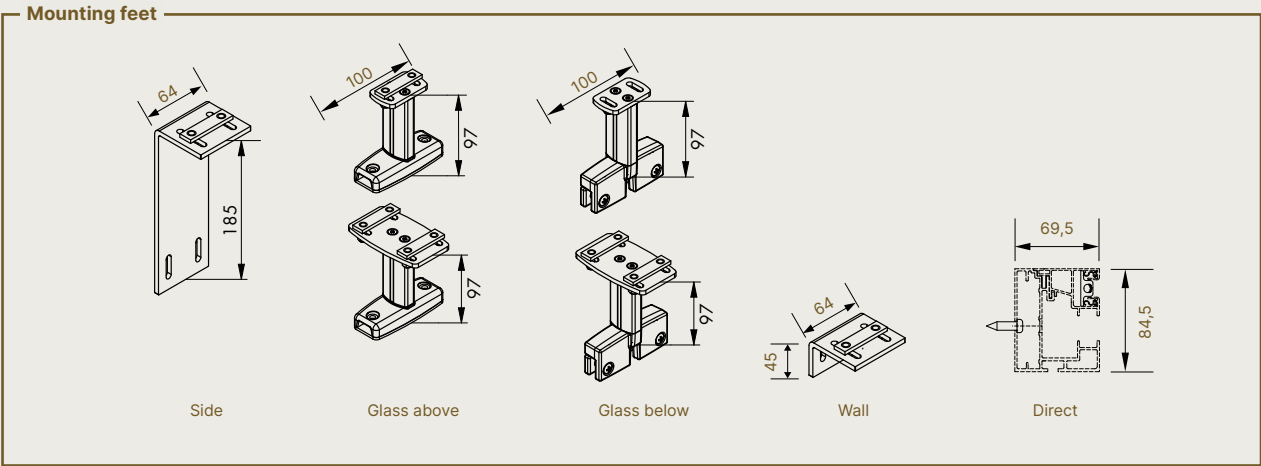
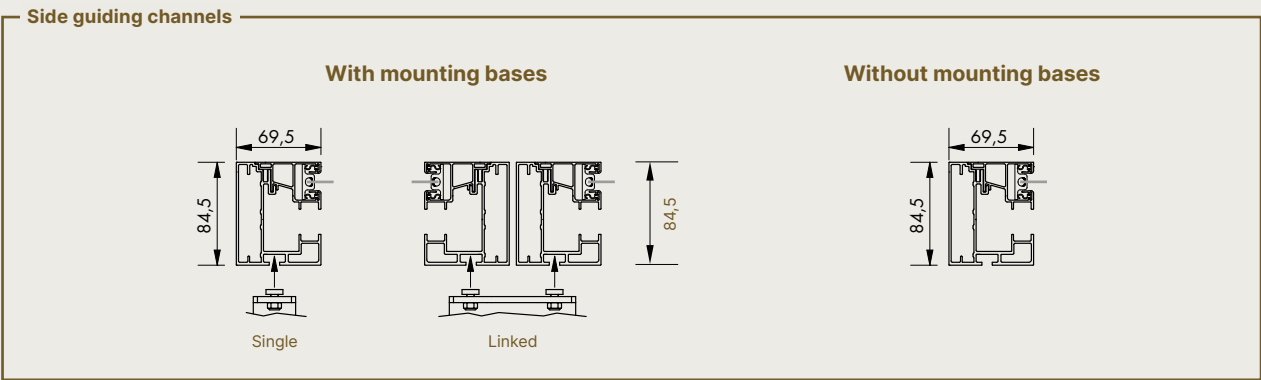
Dimensions			
Single screen			
Polyester fabric Soltis Horizon 86 / Soltis Perform 92	Min. width	1225 mm	
	Max. width	5000 mm	6000 mm
Blackout polyester fabric Soltis Opaque B92	Max. projection	6000 mm	5000 mm
	Max. surface area	30 m²	
Linked screens			
Possible dimensions per section, per fabric type according to ‘single screen’ table The max total area is 60 m², of which 1 section is max 30 m². Required intermediate dimension (expansion): 1 mm per 1000 mm width			

- NOTE
- Head box must always be supported.
 - It is recommended that at least two people install the product. Weight: ± 25 to 30 kg/rm.
 - Depending on the inclination angle (0°-90° in case the head box is positioned at the bottom), an external support bracket is supplied to prevent the head box from sliding out of the side guiding channels.
 - Depending on the inclination angle (45°-90° in case the head box is positioned at the top), an internal support bracket is supplied to prevent the head box from sliding out of the fabric set.
- Fabrics:
- Horizontal sun protection ≠ protection against rain
 - Scope of application for fabric depends on the incline. See separate table 'Inclination angle fabrics for horizontal fabric sun protection' on page 184





View your Topfix Max from the perspective from which you remove the fabric set (←→).
This determines the left or right cable feed option choice.



View your Topfix Max from the perspective from which you remove the fabric set (←→).
This determines the left or right cable feed option choice.

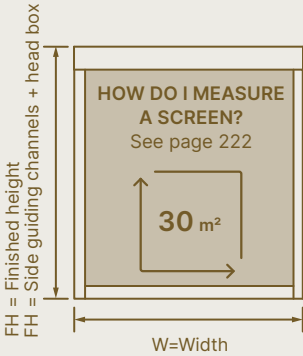
TOPFIX® MAX FREESTANDING



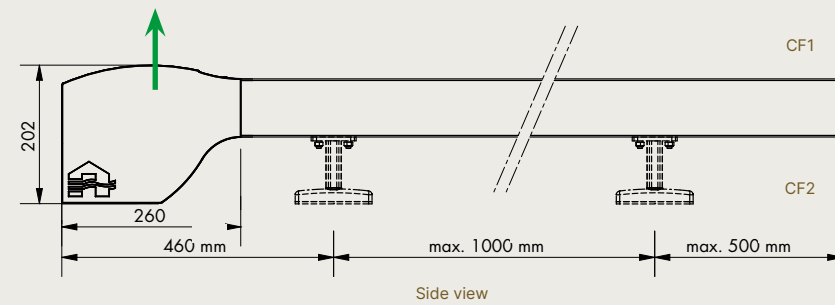
Design	
Head box dimensions (HxD)	260 mm x 202 mm
Head box extension	-
Retractable bottom bar	-
Base plate side guiding channel	-
Wind resistance	
Wind classification EN13561:2004	3
Wind tunnel test report	-
Guaranteed wind resistance	Up to 120 km/h in closed position
Control	
Detecto Renson motor Safety First	-
Somfy mechanic motor	-
Somfy IO radio-controlled motor	✓
Certificates	
Declaration of Performance (DoP)	DOP-201409 – F003

Dimensions			
Single screen			
Polyester fabric Soltis Horizon 86 / Soltis Perform 92	Min. width	1225 mm	
	Max. width	5000 mm	6000 mm
Blackout polyester fabric Soltis Proof W96	Max. projection	6000 mm	5000 mm
	Max. surface area	30 m²	
Linked screens			
Possible dimensions per section, per fabric type according to 'single screen' table The max total area is 60 m², of which 1 section is max 30 m². Required intermediate dimension (expansion): 1 mm per 1000 mm width			

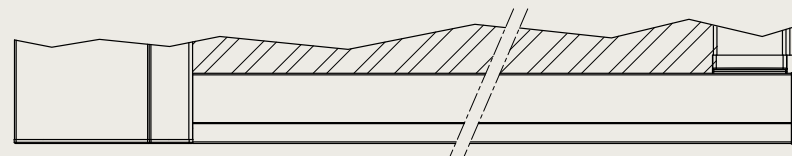
- NOTE
- Head box must always be supported.
 - It is recommended that at least two people install the product. Weight: ± 25 to 30 kg/rm.
- Fabrics:
- Horizontal sun protection ≠ protection against rain
 - Scope of application for fabric depends on the incline. See separate table 'Inclination angle fabrics for horizontal fabric sun protection' on page 184



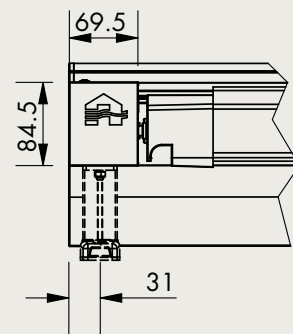
Sections



Side view

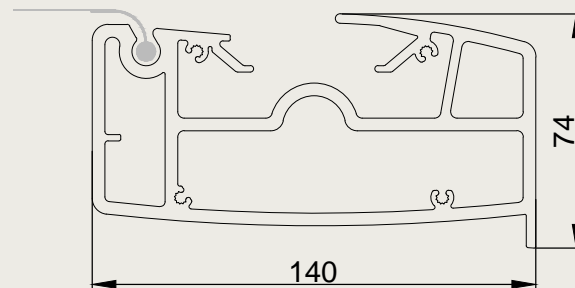


Top view



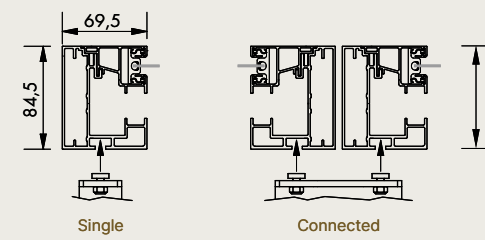
Front view

Bottom bar



Side guiding channels

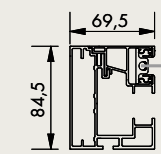
With mounting feet



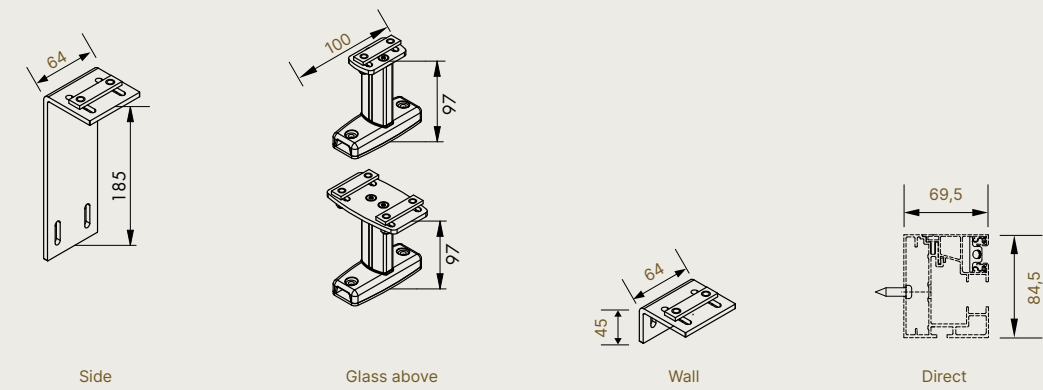
Single

Connected

Without mounting feet



Mounting feet



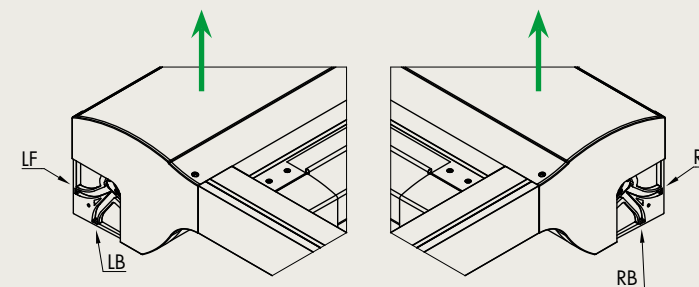
Side

Glass above

Wall

Direct

Cable feed



Feed	Feed location
B	rear
F	top

View your Topfix Max F from the perspective from which you remove the fabric set (→). This determines the left or right cable feed option choice.

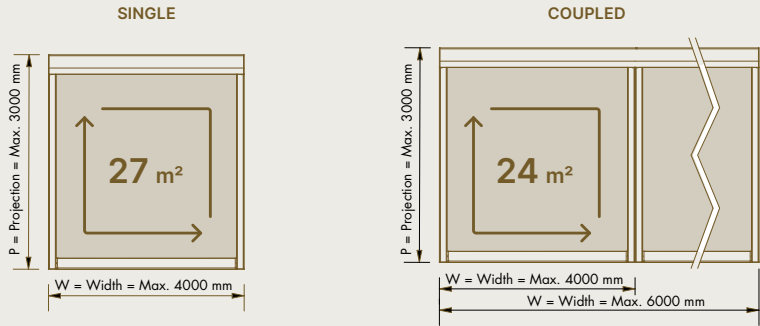
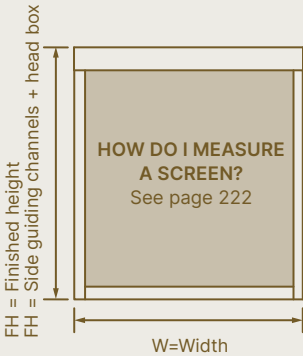
View your Topfix Max F from the perspective from which you remove the fabric set (←). This determines the left or right cable feed option choice.



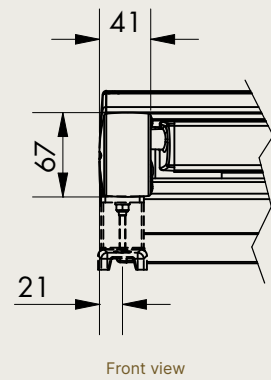
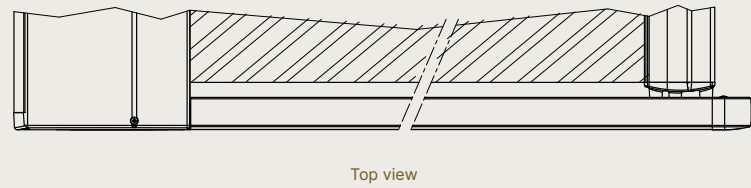
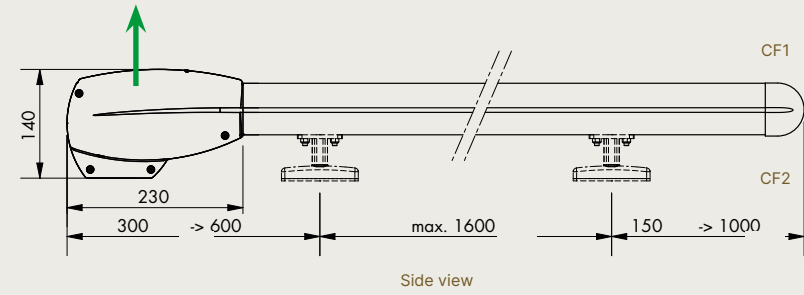
Design	
Head box dimensions (HxD)	230 mm x 140 mm
Head box extension	-
Retractable bottom bar	-
Base plate side guiding channel	-
Fabric tube with click-profile	✓
Wind resistance	
Wind classification EN13561:2004	-
Wind tunnel test report	-
Guaranteed wind resistance	-
Control	
Detecto Renson motor Safety First	-
Somfy mechanic motor	✓
Somfy IO radio-controlled motor	✓
Certificates	
Declaration of Performance (DoP)	DOP-201409 – F003

Dimensions		
Single screen		
Polyester fabric Soltis Horizon 86 / Soltis Perform 92	Min. width	900 mm
	Max. width	4500 mm
Blackout polyester fabric Soltis Soltis Opaque B92	Max. projection	6000 mm
	Max. surface area	27 m²/single section
Coupled screen		
Idem 'single screen' 2-part (1 motor)	Min. width	4001 mm
	Max. overall width	8000 mm
	Max. section width	4000 mm
	Max. projection	6000 mm
	Max. surface area	24 m²/coupled section
Linkable screen		
Possible dimensions per section, per fabric type according to 'single screen' table The max total surface area is 54 m², of which 1 section is max 27 m². Required intermediate dimension (expansion): 1 mm per 1000 mm width		

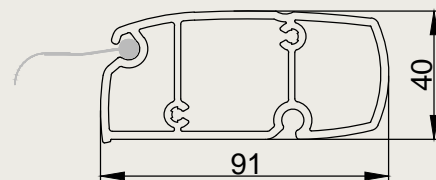
- NOTE
- From 3000 mm projection, one additional supporting roller from 5000 mm projection, two additional supporting rollers
 - The fabric tube is fitted with a click-profile for easy fabric replacement (see page 23)Fabrics:
 - Horizontal sun protection does not offer any protection against rain
 - Scope of application for fabric depends on the incline. See separate table 'Inclination angle fabrics for horizontal fabric sun protection' on page 184
 - Head box cannot be placed upside down



Sections

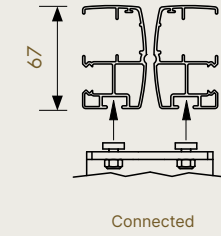
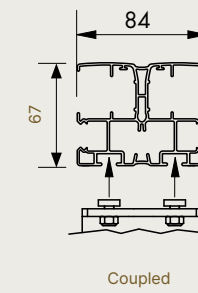
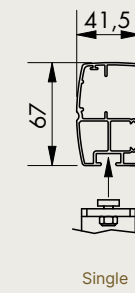


Bottom bar



View your Vegascreen from the perspective from which you remove the fabric set (←).
This determines the left or right cable feed option choice.

Side guiding channels



Mounting feet

