

4.5 mt'ye kadar ileriye açılım

Projection up to 4.5 mt

Salida hasta 4.5 m

Projection maximum 4.5 mètres

Projektionen bis zu 4.5 m

Tek parça kumaş ile 4.5 mt cephe genişliği

Width up to 4.5 mt in single fabric

Ancho hasta 4.5 mt con lona de una pieza

Largeur maximum 4.5 mètres avec une seule toile

Breite bis 4.5 mt in einzelnen Stoff





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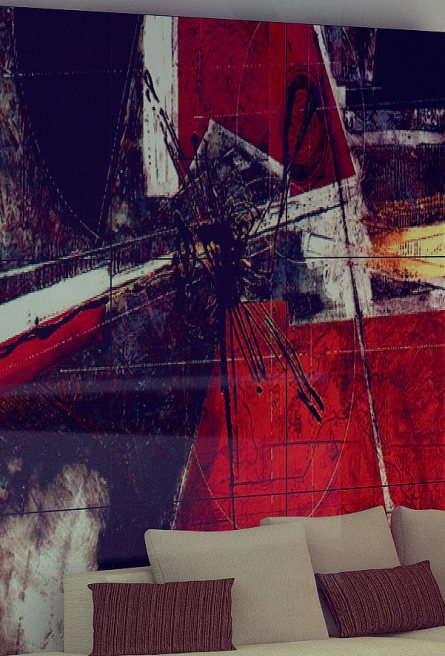
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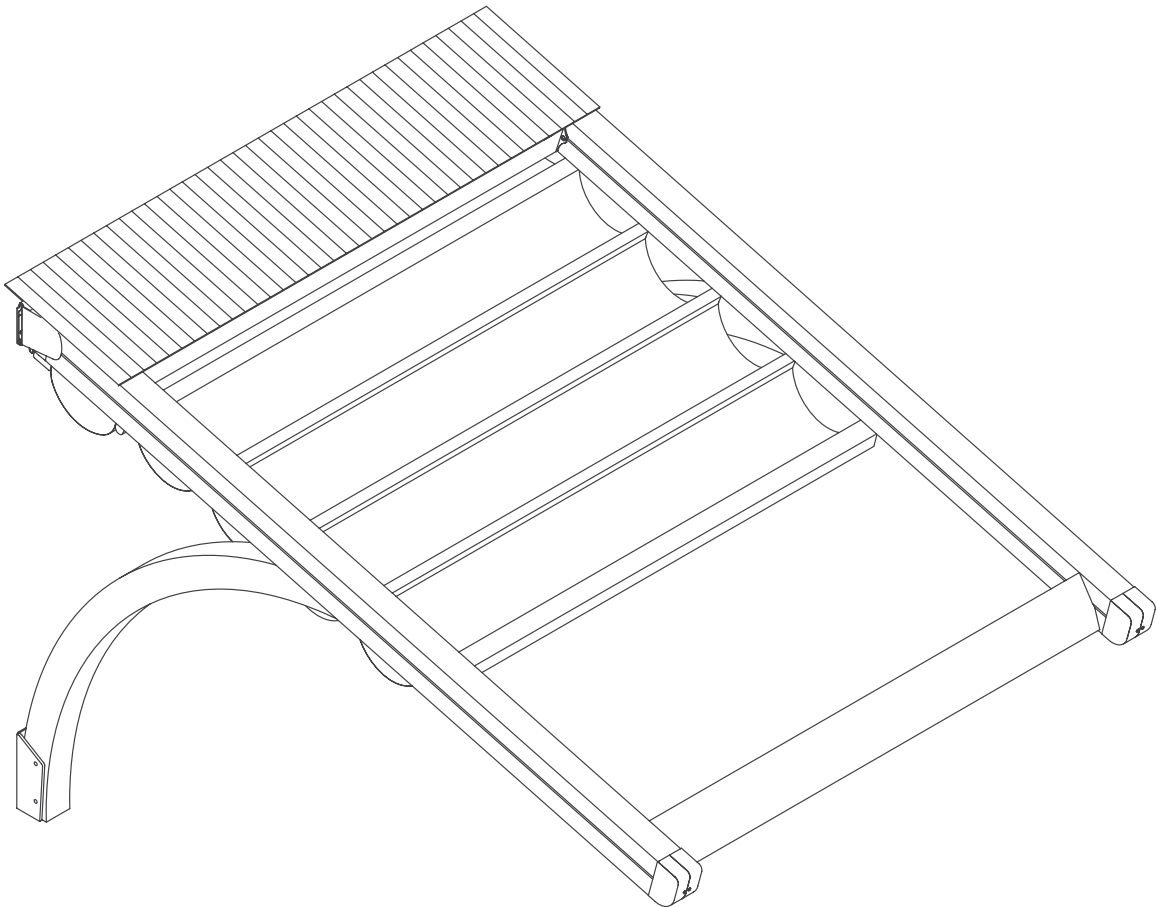
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Breite bis 4.5 mt in einzelnen Stoff





Mn1



Mn1 arched buttress system

The MN1 arch buttressed retractable pergola systems provide an elegant solution for any project. Each of the custom designs are installed according to site specifications and can easily be adapted as required. This model provides an outdoor covering system with an architectural edge to allow outdoor areas to be used in all weather conditions. The system offers a wind rating up to Beaufort class 11 (up to 117km/h) and are designed to stand up to even the worst of conditions rain, hail or shine.

The site specific models are manufactured to size using high grade 6063 extruded aluminium profiles finished with thermosetting powder coating which provides superior overall performance for exterior product applications. All bolts, screws and pins are high grade stainless steel to ensure extended system life.

The MN1 rafter profiles (LT: 80mm x 125mm / XL: 110mm x 160mm) have been designed with unique water guard side channels and cast aluminium end plates to allow for projections up to 4,5m per system. Widths are customised according to site requirements and available in any size up to 4,5m. The MN1 system offers up to 20,25sqm of protection at the touch of a button but when required linking multiple systems is also possible and made easy by our patented storm channel joining system that ensures 100% waterproof join every time. The MN1 system also includes an integrated gutter system with internal drainage to carry away even the heaviest rain.

Remote controlled motorisation is provided by utilising European technology through a custom built direct drive motor system to ensure smooth and quick operation at 26RPM. The optional hi powered LED-TEC lighting system provides a practical touch of class and when coupled with a remote dimming controller allows the user to change the mood to suit the surrounding environment.

The heart of the system is driven by the Suntech F3 eight wheel slider carriages (each F3 slider carriage has a load limit of 600kgs) that incorporates a triple layer barrier system and works in conjunction with a timing belt that has been reinforced with multiple internal stainless steel cables to provide a pulling strength of over 966kg. It's this tension that is applied to the fabric membrane to allow an angle of 6 degrees fall possible and ensure all water drains away in the internal gutter system.

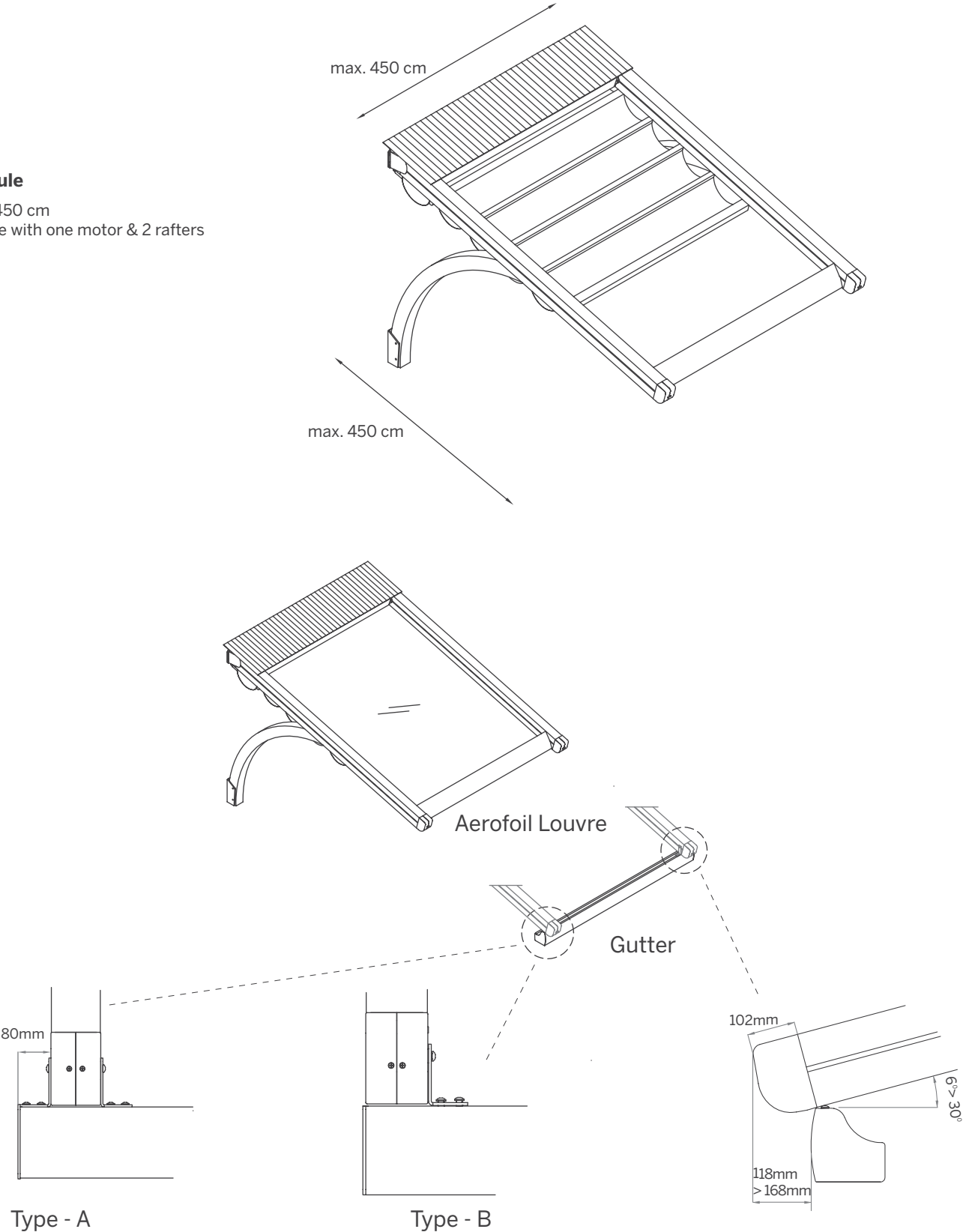
The fire rated and 100% waterproof architectural membrane is available in a range of colours in both opaque and transparent that provides maximum stability and resistance to temperature, moisture and dirt. It does not shrink or bag, and the acrylic top coating makes it very easy to clean for years to come. When not in use the fabric is neatly retracted under the systems hood to provide protection from the elements when not required.

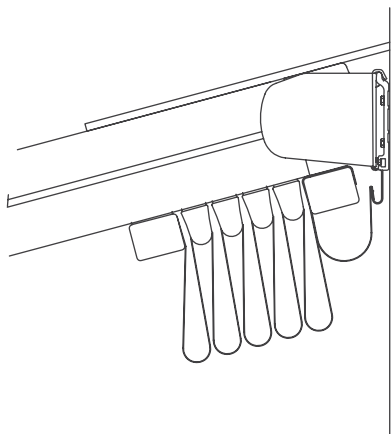
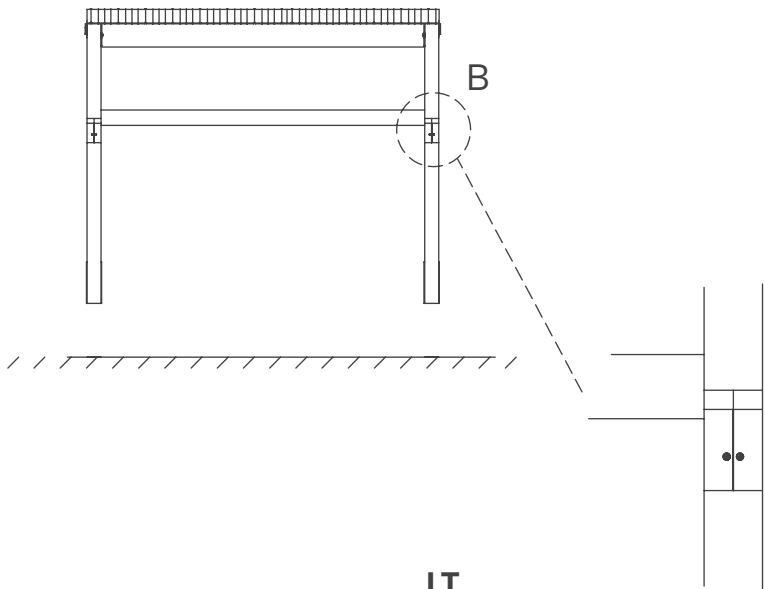
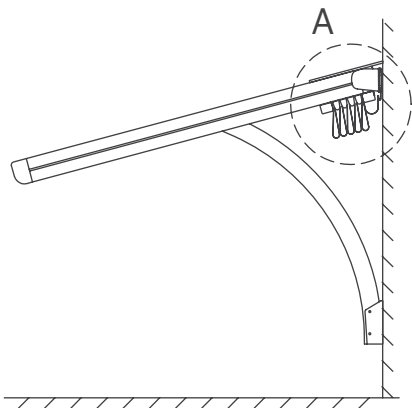
To ensure the highest level of protection Suntech systems focus on all the details, this is why all Suntech systems come standard finished with Stormguard soft touch edge seal on all parameters. Stormguard provides the ultimate protection against rain and draught intrusion around the outside of the system and is only available on our systems. Stormguards soft touch edge seal is produced from an extra soft & flexible Natural rubber to ensure the best possible protection from the elements.

Mn1

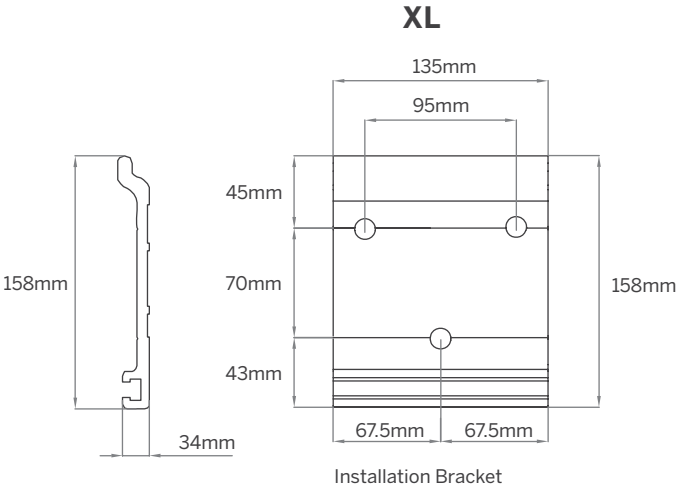
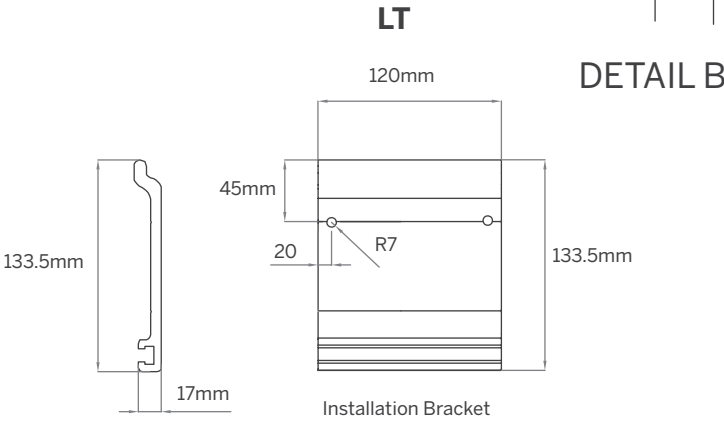
One Module

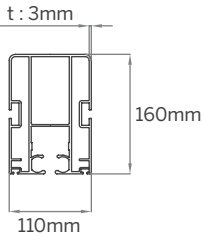
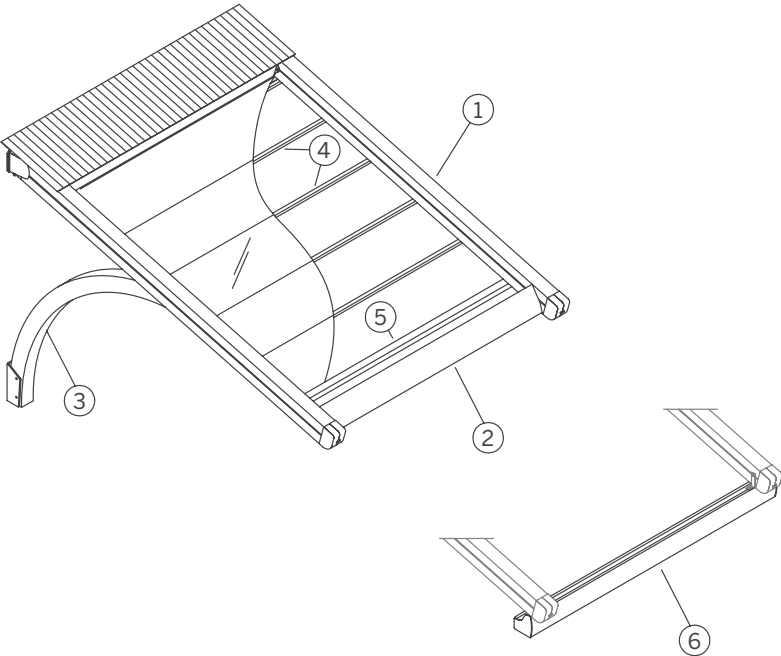
200 cm > 450 cm
One Module with one motor & 2 rafters



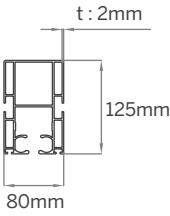


DETAIL A

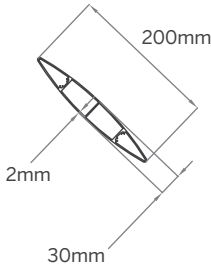




① Rafter



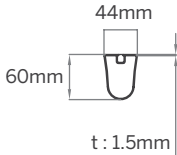
② Aerofoil Louvre



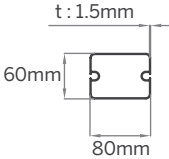
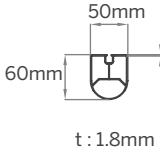
③ Buttress



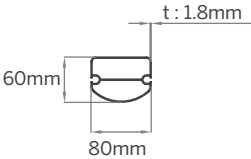
④ Fabric Support (Standart)



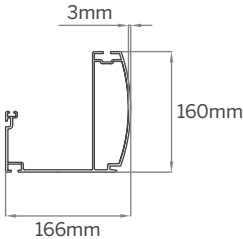
④ Fabric Support (HDD Lux)



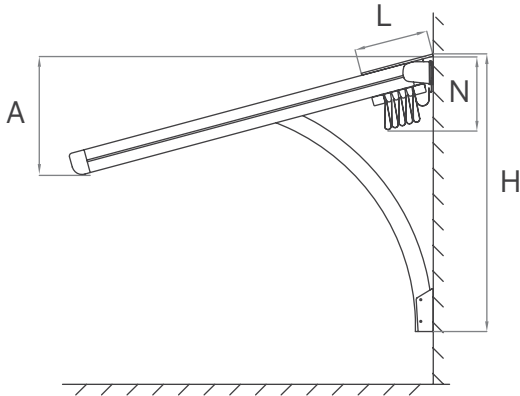
⑤ Puller Profile (Standart)



⑤ Puller Profile (HDD Lux)



⑥ Gutter



MN 1 LT

	Fabric Height	Hood	Fall	Buttress Distance	Fab.Sup.Profiles
	(N*) mm	(L*) mm	(A*,**) mm	(H*) mm	pc*
Projection (P) cm 300	414	651	485	1850	7
350	420	706	546	2000	8
400	426	761	608	2200	9
450	439	871	669	2300	11

* With min. inclination of 7°.Values can vary by other inclination values.

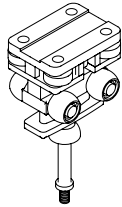
** +160 mm distance with optional front gutter system.

MN 1 XL

	Fabric Height	Hood	Fall	Buttress Distance	Fab.Sup.Profiles
	(N*) mm	(L*) mm	(A*,**) mm	(H*) mm	pc*
Projection (P) cm 300	438	646	511	1850	7
350	446	701	573	2000	8
400	453	756	634	2200	9
450	466	866	696	2300	11

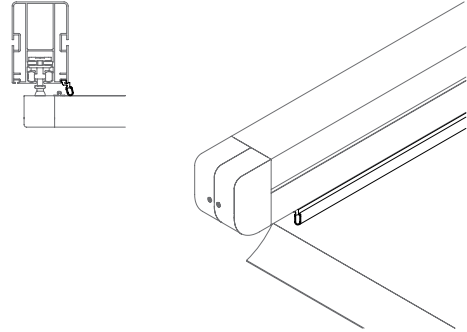
* With min. inclination of 7°.Values can vary by other inclination values.

** +160 mm distance with optional front gutter system.



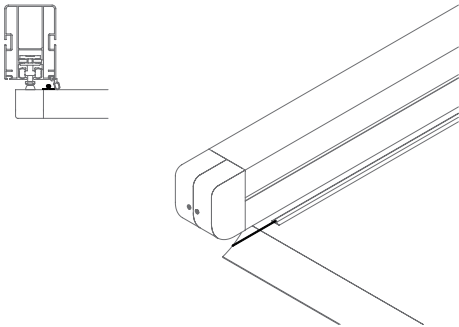
F3 Eight wheel slider

Four horizontal & four vertical rollers working together for perfectly smooth operation every time. The F3 eight wheel system is proven to remove the jamming issue that occurs with the 4 wheel system and can take loads of upto 600KG.



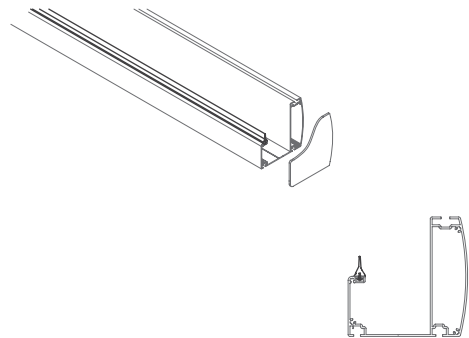
Rafter stormguard edge seal

The rafter Stormguard edge seal stops water from dripping over the side of the system by providing a soft cushioning barrier along the side of the system.



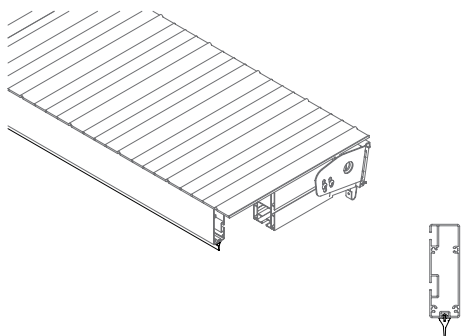
Fabric anti-drop edge cord with electrical cable

The fabric anti-drip edge cord with integrated lighting electrical cable works in conjunction with the Stormguard edge seal to prevent any water leaks over the side of the system.



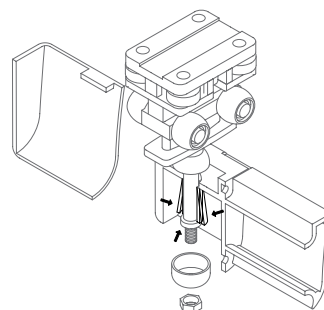
Gutter stormguard seal

The Stormguard gutter seal provides a perfect seal to prevent water leaks along the front of the system from driving rain or splashing from the gutter.



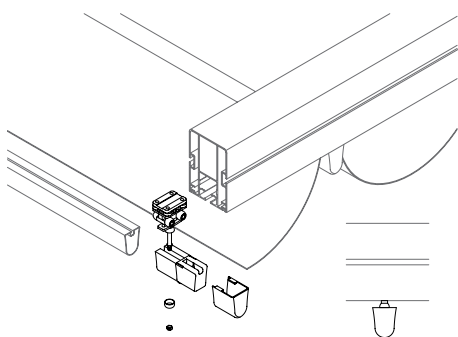
Hood stormguard seal

The Stormguard hood seal provides the perfect seal to prevent driving rain & wind coming in under the hood profiles.



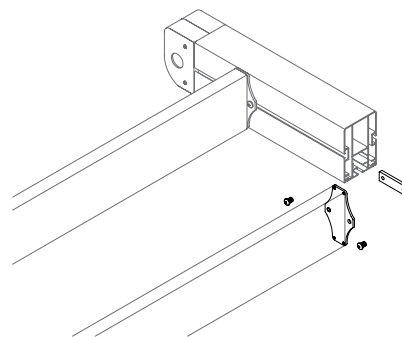
F3 slider easy clip installation

The F3 system has been designed for ease of use, to save time on installations and reduce the number of staff required. Each F3 slider can take loads of up to 600KG once in place.



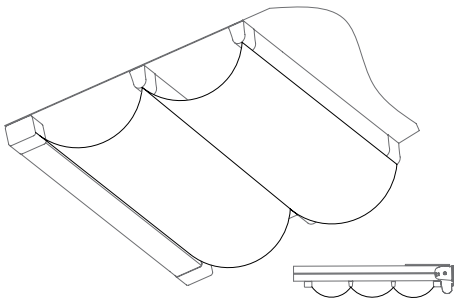
F3 slider and fabric profile assembly

The system has been designed for ease of assembly to save time on installations and reduce the number of staff required.



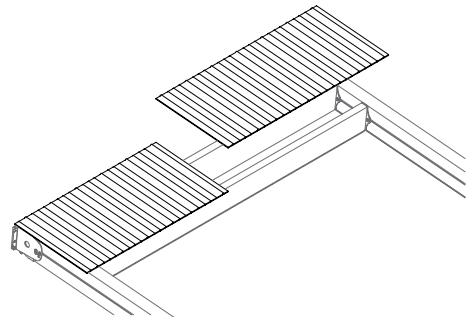
Motorbox support & hood support profile easy installation

Each support profile is easy to install and simple to adjust at the time of installation.



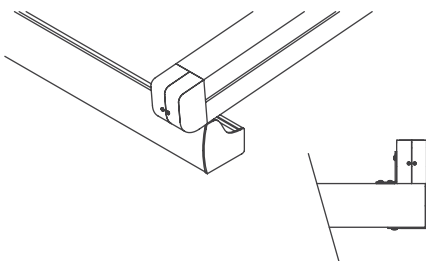
Decorative fabric under layer

The second decorative fabric under layer of fabric can provide an elegant touch of class.



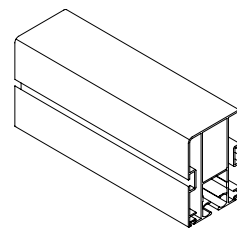
Hood profile sheets

Suntech's hood profile sheets provide an attractive covering solution for the system when not in use. The low profile aesthetic design offer added protection to the system with a chic touch.



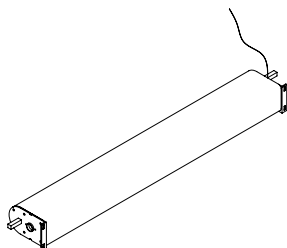
Gutter flush with rafter

Gutter solution for when the system is installed next to a wall or no overhang of the gutter is required.



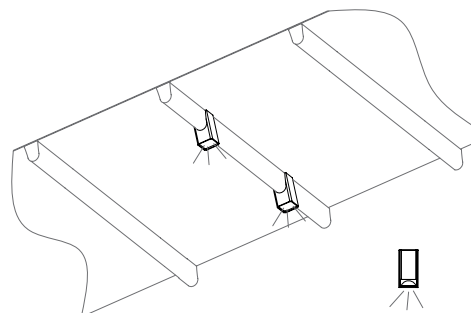
Rafter profile with water guard side channels

The Suntech rafter profiles are designed with water guard side channels for easy installation and to prevent water from entering.



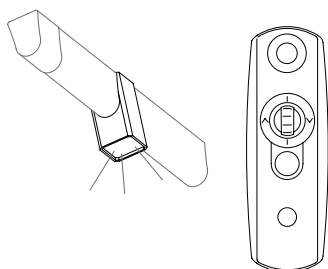
Compact 26rpm direct drive motor box

The Suntech direct drive motor system is a quick and efficient system that drives all conveyer rafters at the same time. The low profile design also allows the fabric to be stored underneath the motor which saves additional space.



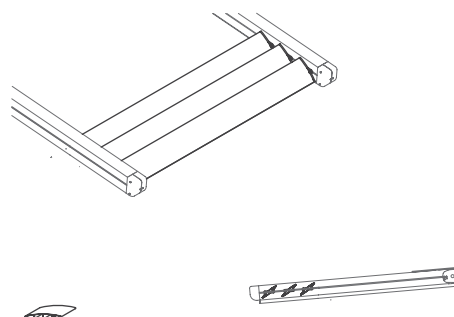
LED-TEC high powered lighting

LED-TEC lighting is a integrated lighting solution that can be added to any Suntech system.



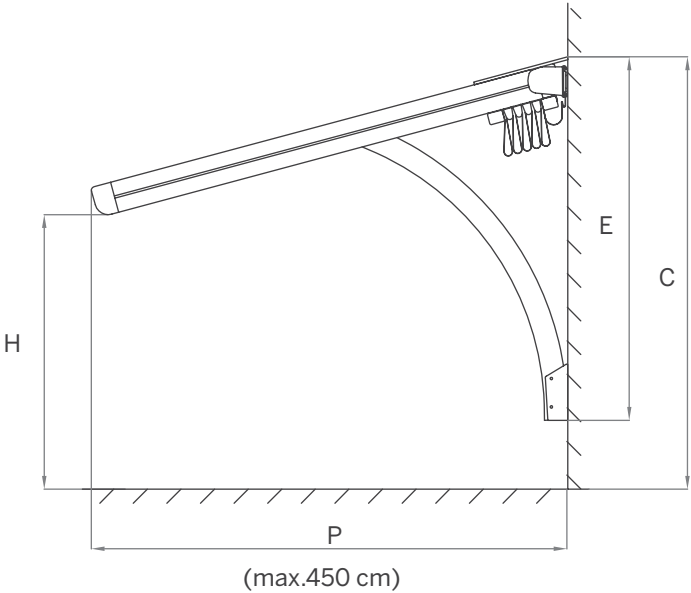
LED-TEC dimmer setup

LED-TEC dimmer lighting is a integrated lighting solution that can be added to any Suntech system.

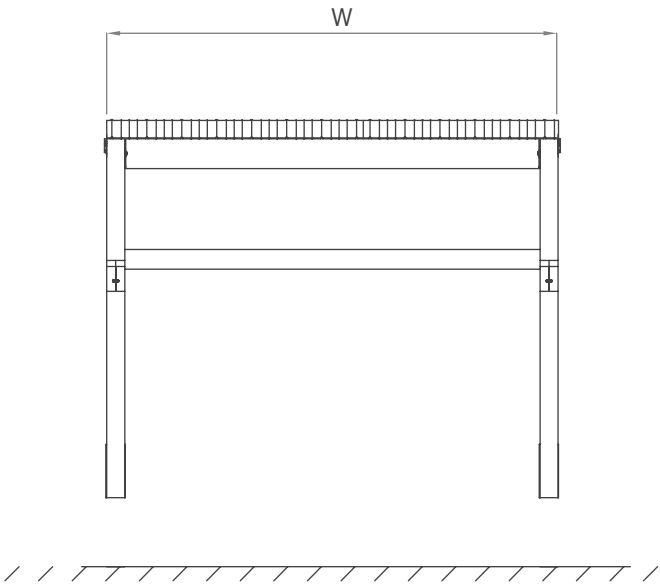


Aerofoil Louvres

The addition of Aerofoil louvres can provide added shade when the system is closed.



One Module
200 cm > 450 cm
One Module with one motor & 2 rafters



Order Name / No.:

Order Date :

Company Name:

Quantity:

SERIAL ☐ XL ☐ LT**DIMENSIONS**

W - Total Width.....cm

P - Projection.....cm

C - Wall / Back Heightcm

E - Buttress Height.....cm

H - Front Heightcm

POWDERCOAT COLORS

RAL colors

Exclusive colors

Texture colors

☐ RAL 9016☐ OGN35☐ ST9010☐ Other ...☐ RAL 1013☐ OS561☐ ST9001☐ RAL 9006☐ OY395☐ ST1013☐ RAL 7006☐ OGN39☐ ST7039☐ RAL 7016☐ ON617☐ ST7016☐ RAL 9005☐ ON611☐ ST8019**FABRIC**

Basic

Transparent

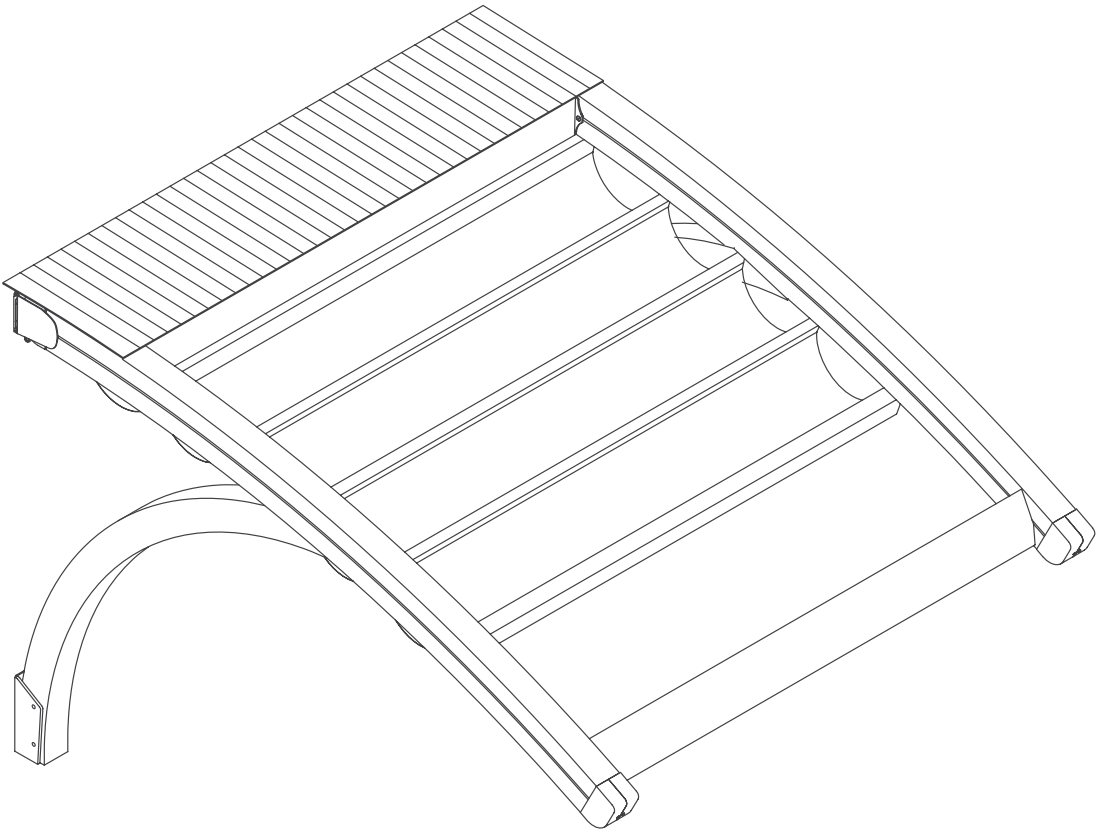
☐ WT785 / White☐ TRW22 / White☐ Other...☐ CR295 / Cream☐ TRB33 / Black

Xclusive

Matt

☐ WTEX / White☐ MW23 / White☐ CRMX / Cream☐ MC26 / Cappuccino☐ GRYX / Grey**OPTIONALS**☐ Lighting System (STANDART High Power LED)☐ Wall installation Steel Beam☐ Lighting System (HDD LUX High Power LED)☐ Wall installation Steel Beam (Hot-dip Galvanized)☐ Dimmer Kit☐ Aerofoil Louvre (Line)pc☐ Inox Buttress☐ Gutter Profile**INSTALLATION BRACKET**☐ Wall Bracket☐ Ceiling Bracket☐ **ADDITIONAL NOTES & DRAWINGS ATTACHED**

Mn2



Mn2 curved arched buttress system

The MN2 curved arch buttressed retractable pergola systems provide an elegant solution for any project. Each of the custom designs are installed according to site specifications and can easily be adapted as required. This model provides an outdoor covering system with an architectural edge to allow outdoor areas to be used in all weather conditions. The system offers a wind rating up to Beaufort class 11 (up to 117km/h) and are designed to stand up to even the worst of conditions rain, hail or shine.

The site specific models are manufactured to size using high grade 6063 extruded aluminium profiles finished with thermosetting powder coating which provides superior overall performance for exterior product applications. All bolts, screws and pins are high grade stainless steel to ensure extended system life.

The MN2 rafter profiles (LT: 80mm x 125mm / XL: 110mm x 160mm) have been designed with unique water guard side channels and cast aluminium end plates to allow for projections up to 4,5m per system. Widths are customised according to site requirements and available in any size up to 4,5m. The MN2 system offers up to 20,25sqm of protection at the touch of a button but when required linking multiple systems is also possible and made easy by our patented storm channel joining system that ensures 100% waterproof join every time. The MN2 system also includes an integrated gutter system with internal drainage to carry away even the heaviest rain.

Remote controlled motorisation is provided by utilising European technology through a custom built direct drive motor system to ensure smooth and quick operation at 26RPM. The optional hi powered LED-TEC lighting system provides a practical touch of class and when coupled with a remote dimming controller allows the user to change the mood to suit the surrounding environment.

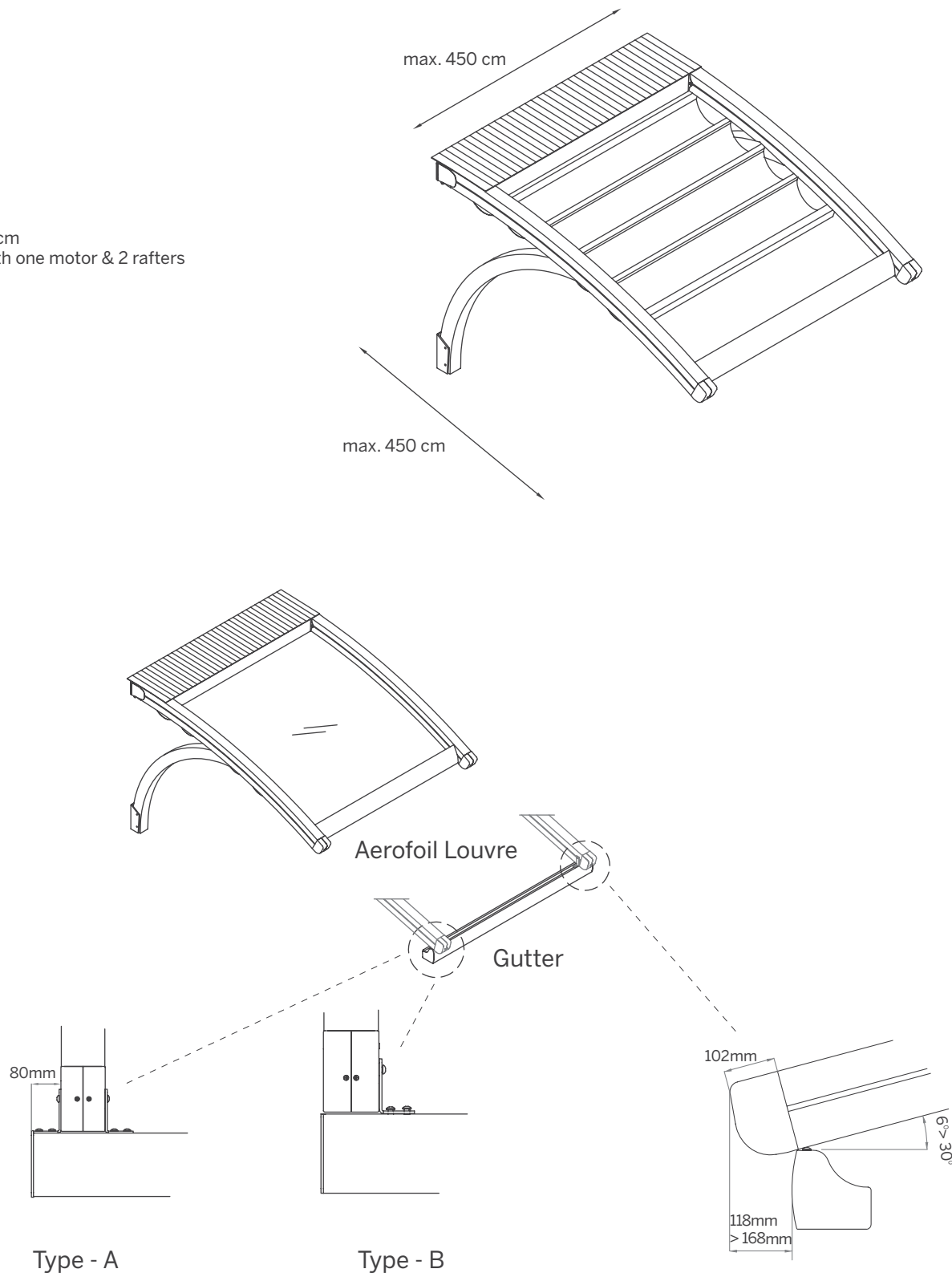
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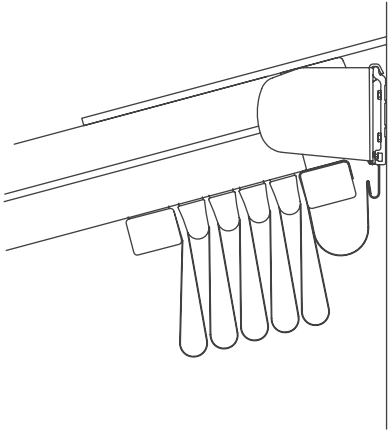
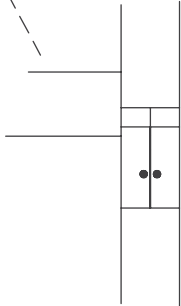
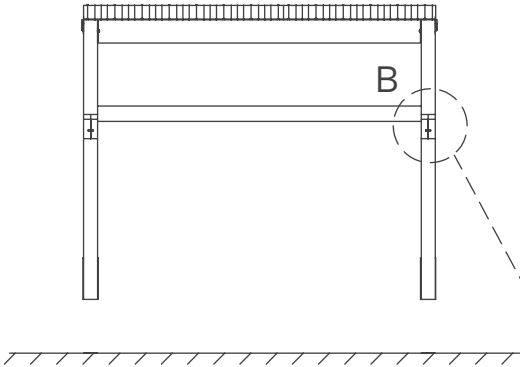
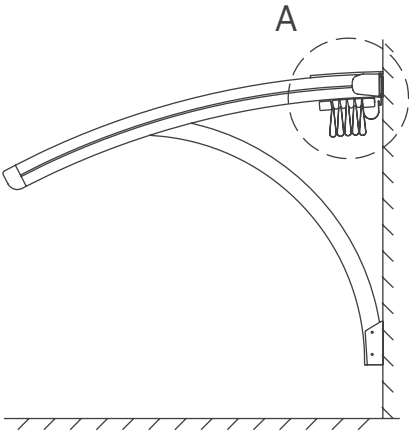
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One Module

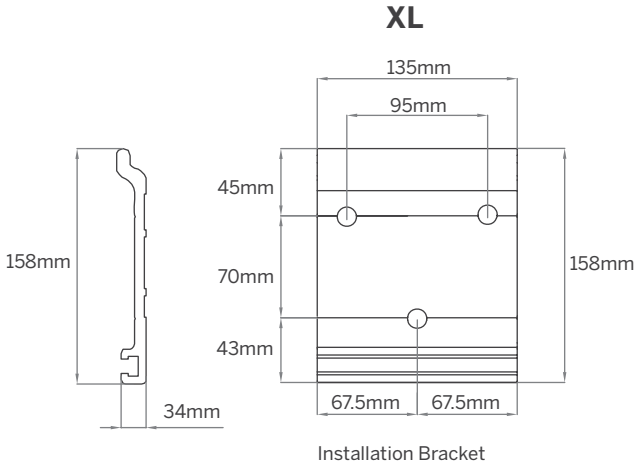
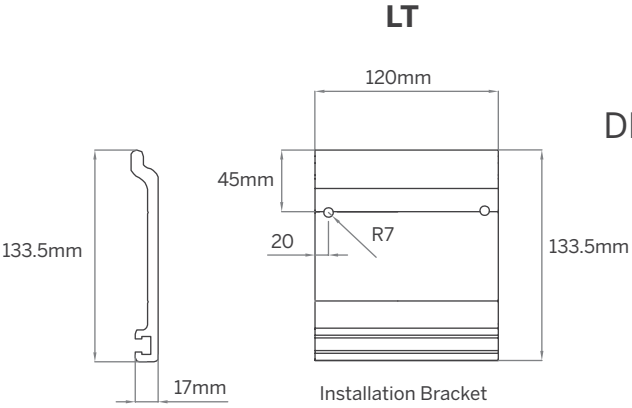
200 cm > 450 cm
One Module with one motor & 2 rafters

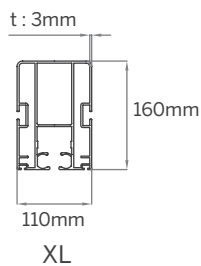
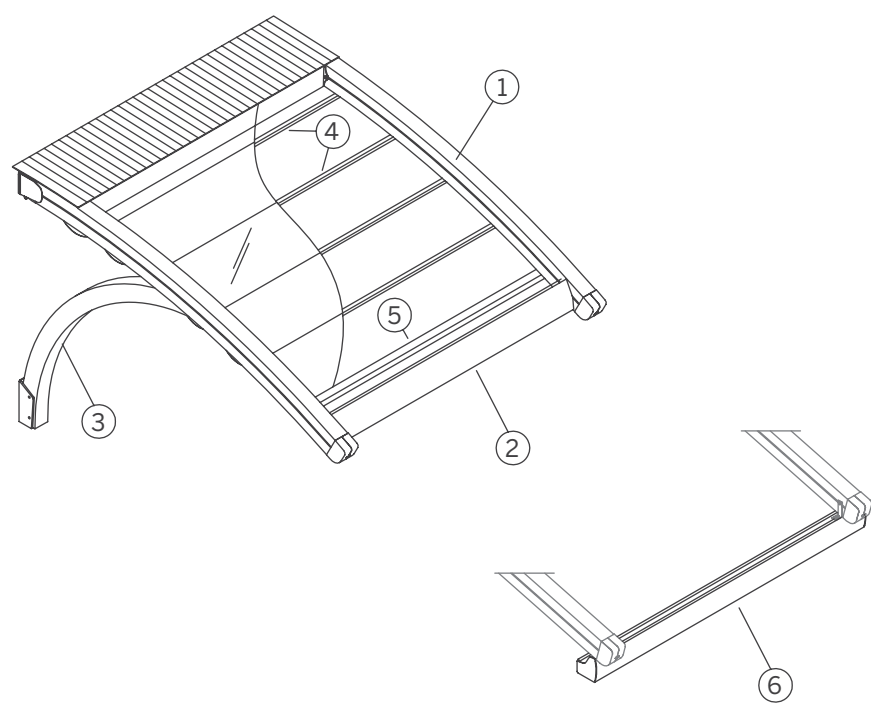




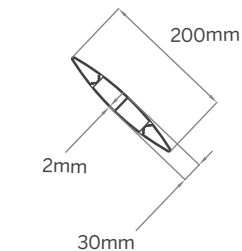
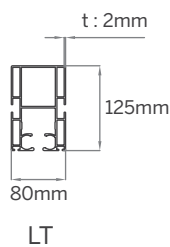
DETAIL A

DETAIL B

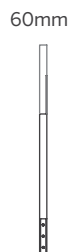




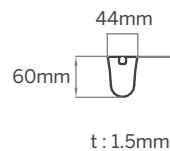
① Rafter



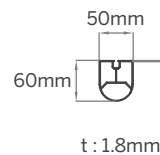
② Aerofoil Louvre



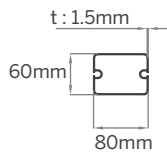
③ Buttress



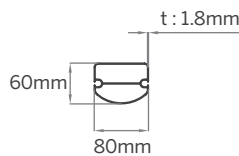
④ Fabric Support (Standart)



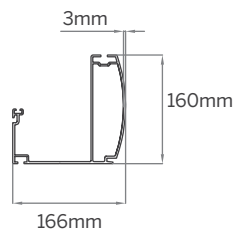
④ Fabric Support (HDD Lux)



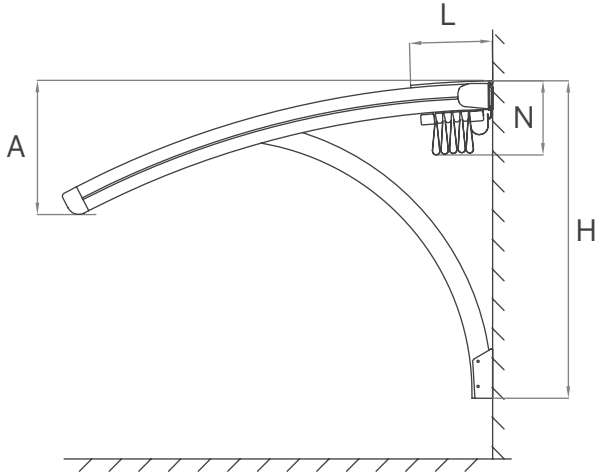
⑤ Puller Profile (Standart)



⑤ Puller Profile (HDD Lux)



⑥ Gutter



MN 2 LT

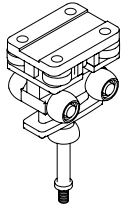
	Fabric Height	Hood	Fall	Buttress Distance	Fab.Sup.Profiles	
	(N*) mm	(L*) mm	(A*,**) mm	(H*) mm	pc*	
Projection (P) cm	300	387	727	677	1850	8
	350	389	772	828	2000	9
	400	393	830	872	2200	10
	450	396	876	1054	2300	11

* Values can vary by different radius values.
** +160 mm distance with optional front gutter system.

MN 2 XL

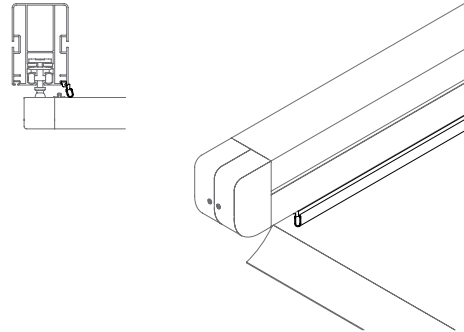
	Fabric Height	Hood	Fall	Buttress Distance	Fab.Sup.Profiles	
	(N*) mm	(L*) mm	(A*,**) mm	(H*) mm	pc*	
Projection (P) cm	300	412	707	706	1850	8
	350	415	745	858	2000	9
	400	418	801	952	2200	10
	450	421	857	1083	2300	11

* Values can vary by different radius values.
** +160 mm distance with optional front gutter system.



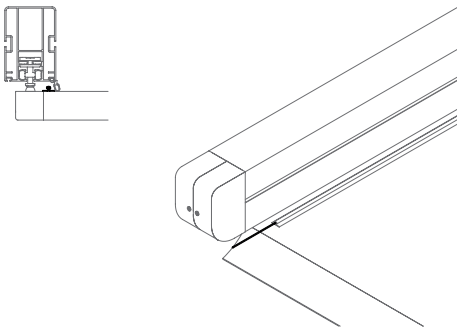
F3 Eight wheel slider

Four horizontal & four vertical rollers working together for perfectly smooth operation every time. The F3 eight wheel system is proven to remove the jamming issue that occurs with the 4 wheel system and can take loads of upto 600KG.



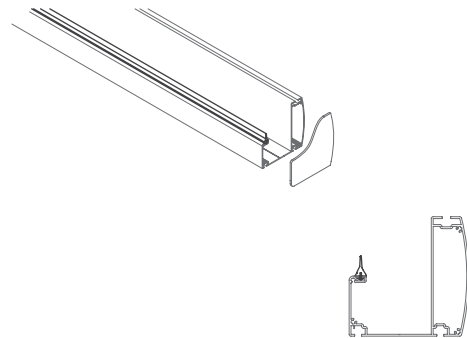
Rafter stormguard edge seal

The rafter Stormguard edge seal stops water from dripping over the side of the system by providing a soft cushioning barrier along the side of the system.



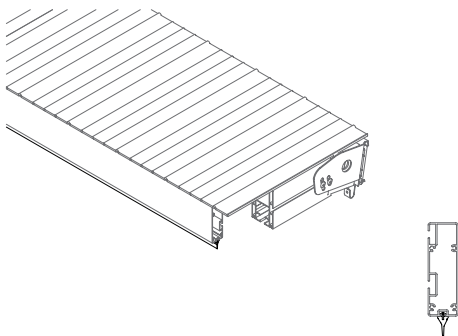
Fabric anti-drop edge cord with electrical cable

The fabric anti-drip edge cord with integrated lighting electrical cable works in conjunction with the Stormguard edge seal to prevent any water leaks over the side of the system.



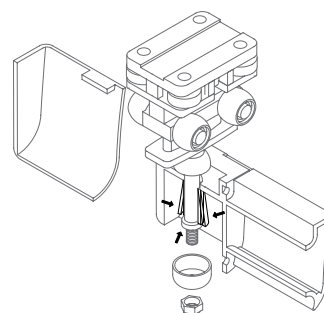
Gutter stormguard seal

The Stormguard gutter seal provides a perfect seal to prevent water leaks along the front of the system from driving rain or splashing from the gutter.



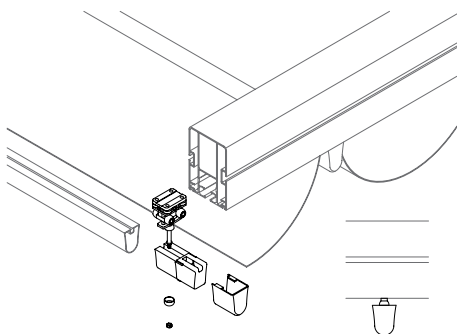
Hood stormguard seal

The Stormguard hood seal provides the perfect seal to prevent driving rain & wind coming in under the hood profiles.



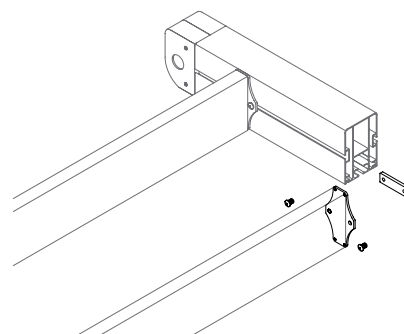
F3 slider easy clip installation

The F3 system has been designed for ease of use, to save time on installations and reduce the number of staff required. Each F3 slider can take loads of up to 600KG once in place.



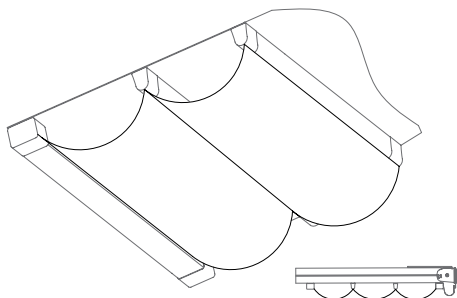
F3 slider and fabric profile assembly

The system has been designed for ease of assembly to save time on installations and reduce the number of staff required.



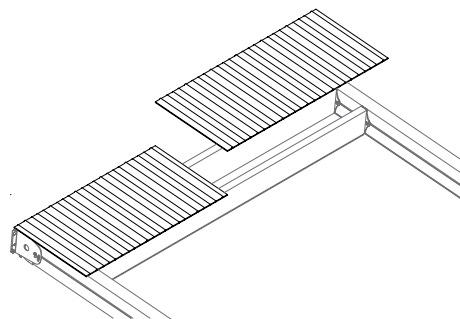
Motorbox support & hood support profile easy installation

Each support profile is easy to install and simple to adjust at the time of installation.



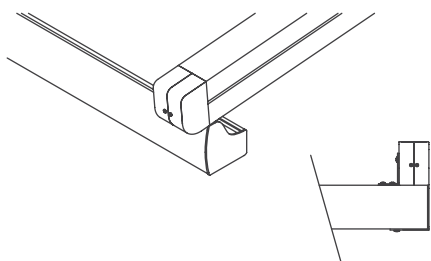
Decorative fabric under layer

The second decorative fabric under layer of fabric can provide an elegant touch of class.



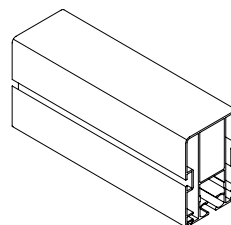
Hood profile sheets

Suntech's hood profile sheets provide an attractive covering solution for the system when not in use. The low profile aesthetic design offer added protection to the system with a chic touch.



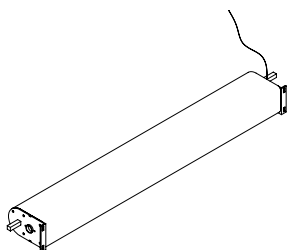
Gutter flush with rafter

Gutter solution for when the system is installed next to a wall or no overhang of the gutter is required.



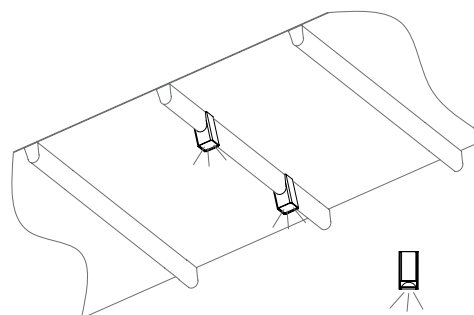
Rafter profile with water guard side channels

The Suntech rafter profiles are designed with water guard side channels for easy installation and to prevent water from entering.



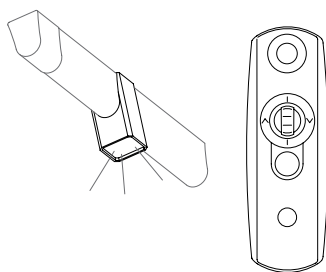
Compact 26rpm direct drive motor box

The Suntech direct drive motor system is a quick and efficient system that drives all conveyer rafters at the same time. The low profile design also allows the fabric to be stored underneath the motor which saves additional space.



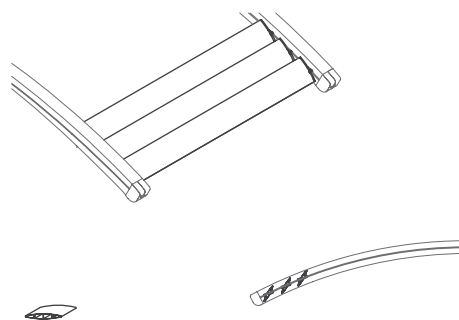
LED-TEC high powered lighting

LED-TEC lighting is a integrated lighting solution that can be added to any Suntech system.



LED-TEC dimmer setup

LED-TEC dimmer lighting is a integrated lighting solution that can be added to any Suntech system.



Aerofoil Louvres

The addition of Aerofoil louvres can provide added shade when the system is closed.

One Module

200 cm > 450 cm
One Module with one motor & 2 rafters

