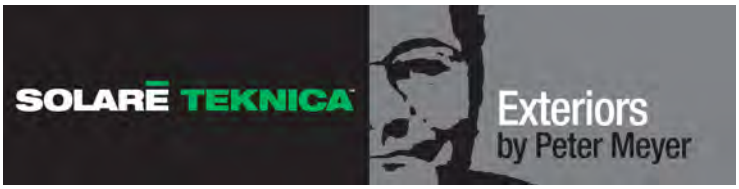

SOLARE TEKNICA AWNING SERIES

INSTALLATION AND MEASURING GUIDELINES (INCLUDES THE SRS V2)

11/2019

Blinds by Peter Meyer

PRODUCT MANUAL INFORMATION

MEASURING AND INSTALLATION MANUAL ONLY.

PLEASE REFER TO THE TRADE SECTION OF OUR WEBSITE FOR THE UPDATED VERSION.

This Product Manual is only a guide to the measurement and installation.

Blinds by Peter Meyer does not warrant the accuracy contained in this manual.

The information contained in this Product Manual is based on the measurement and installation data known to us at the time of issue of the Product Manual and is therefore subject to changes or amendments at any time without notice, and the right to change or amend is hereby expressly reserved by Blinds by Peter Meyer.

IMPORTANT

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Its contents are strictly confidential and may not be reprinted, copied, reproduced or multiplied in any form. This Product Manual must be maintained in its original form and must be returned to Blinds by Peter Meyer upon first request. Blinds by Peter Meyer is not responsible to you or anyone else for any loss suffered in connection with the use of this product manual or any of the content.

DISCLAIMER ISSUED: OCTOBER 2021

INSTALLATION

USER INFORMATION

MEASURING INSTRUCTIONS

Contents

SAFETY AND WARNING ADVICE

A minimum of 2 people are necessary for proper installation.

PLEASE NOTE:

Installation fixings will NOT be supplied with any of the Solare Teknica Awning Series.

Please refer to fixing section. Each installation should be assessed on a case by case scenario.

WARNING! – The brackets must be fixed solidly to a substantial surface. Hollow bricks or foam products are not suitable. Brick veneer surfaces require at least 2 courses of brickwork above the bracket and 2 courses below.

GENERAL ADVICE

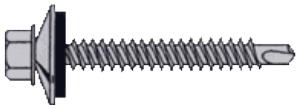
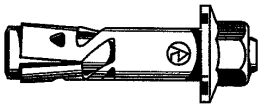
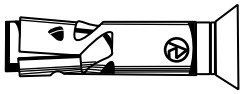
The electrical data is shown on the label of electric operating awnings.

Tools: The following tools are required for installation:

- Level
- Battery Drill
- Screwdrivers
- Hammer Drill
- Drill Bits
- Spanner - 7mm (size of open end spanner for top aligner)
- Allen Key

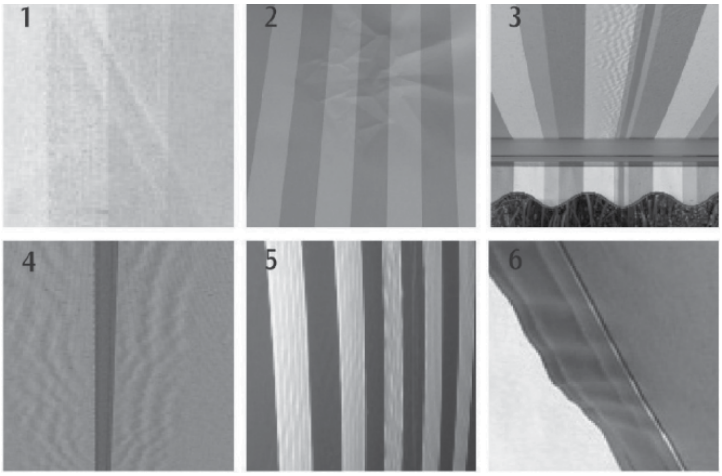
FIXINGS

Due to possible differences in specification, application and interpretation of results, users must make their own evaluation of the product to determine the suitability of fixings and their intended use.

ITEM	TITLE	DESCRIPTION
	**Counter Sunk** (Zenith) 10g x 50mm Available in Metal or Timber thread Stainless	Used to side fix channels.
	**Waffer/Button Head** (Buildex) 8g x 50mm Available in Metal or Timber thread	Used to face fix channels.
	**Roofing & Cadding Hex Head** (Buildex) 12g x 50mm Available in Metal or Timber thread	Used to fix universal brackets.
	**Counter Sunk** (Zenith) 10g x 50mm Available in Metal or Timber thread Stainless	Used to fix wire guide bottom bracket.
	**Ramplug/Green Plug** (Ramset) 50mm Length	Used to fit to brick or concrete
	**Dyna Bolt** (Ramset) 6m x 30mm	Used to face fix channels.
	Dyna Bolt (Ramset) 8mm x 50mm	Used to fix universal brackets.
	**Counter Sunk** (Ramset) 4.5mm x 30mm Stainless	Used to fix wire guide bottom bracket.

CHARACTERISTICS OF AWNING FABRICS

Some slight fabric curling may occur on fabric edge on large applications, whilst the following characteristics are considered normal occurrences.



- Creasing (Figs. 1, 2)
- Puckering (Figs. 3, 4 & 5)
- Tension Induced Stretching (Figs. 6)

OPTIONS AND LIMITATIONS

	CRANK GEAR	MOTORISED	INTERNAL CORD
OVERALL MAX WIDTH	5000mm	5000mm	3500mm
OVERALL MAX DROP	4000mm	4000mm	2900mm
OVERALL MIN DROP	300mm	300mm	300mm
MAX AREA	16 Sqm	16 Sqm	10 Sqm

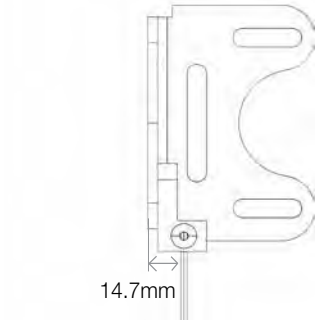
MEASURING INSTRUCTIONS

Accurate measuring of the **Solare Teknica** Awning Series is vital for successful fitting and consequential use. The product can be fitted on Face, Side or Ceiling fixing applications and can be operated by crank, cord or motorised.

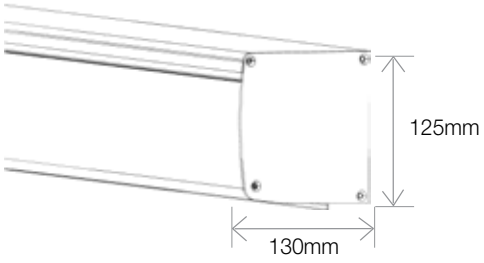
- 2mm deduction for Reveal Installs
  Face Fit → Supplied Overall Size

- +/- 2mm Manufacturing Tolerance

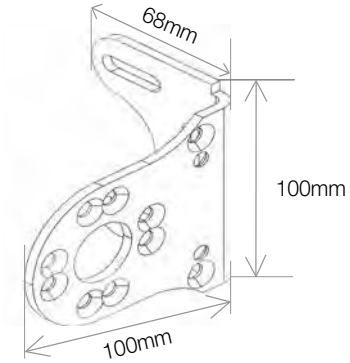
COMPONENT DIMENSIONS



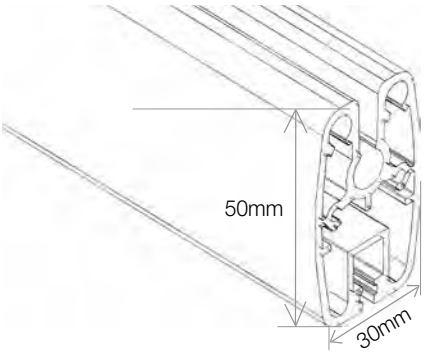
CABLE GUIDE



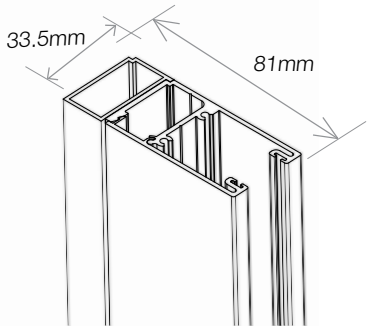
HEADBOX



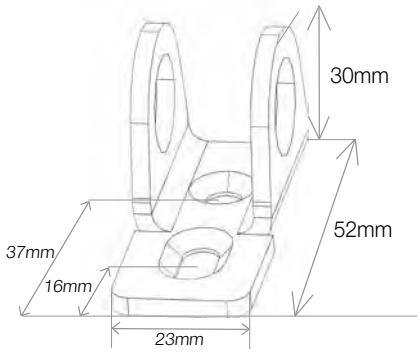
UNIVERSAL INSTALLATION BRACKET



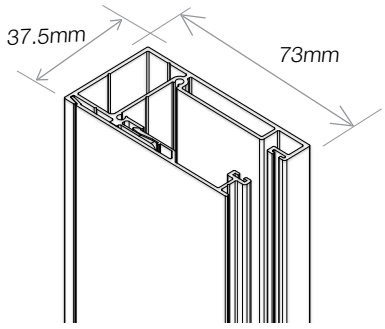
BOTTOM RAIL



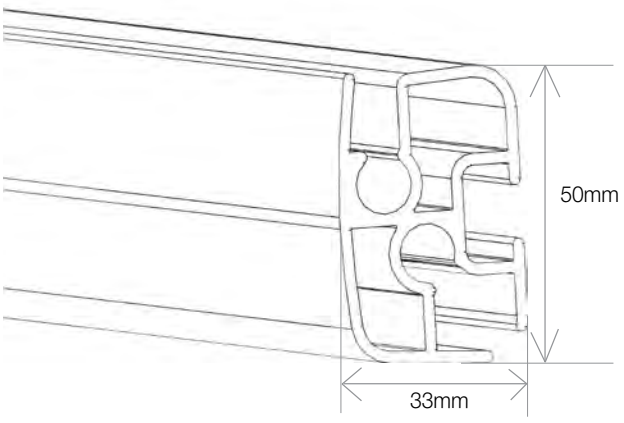
DEEP CHANNEL



BOTTOM CABLE BRACKET

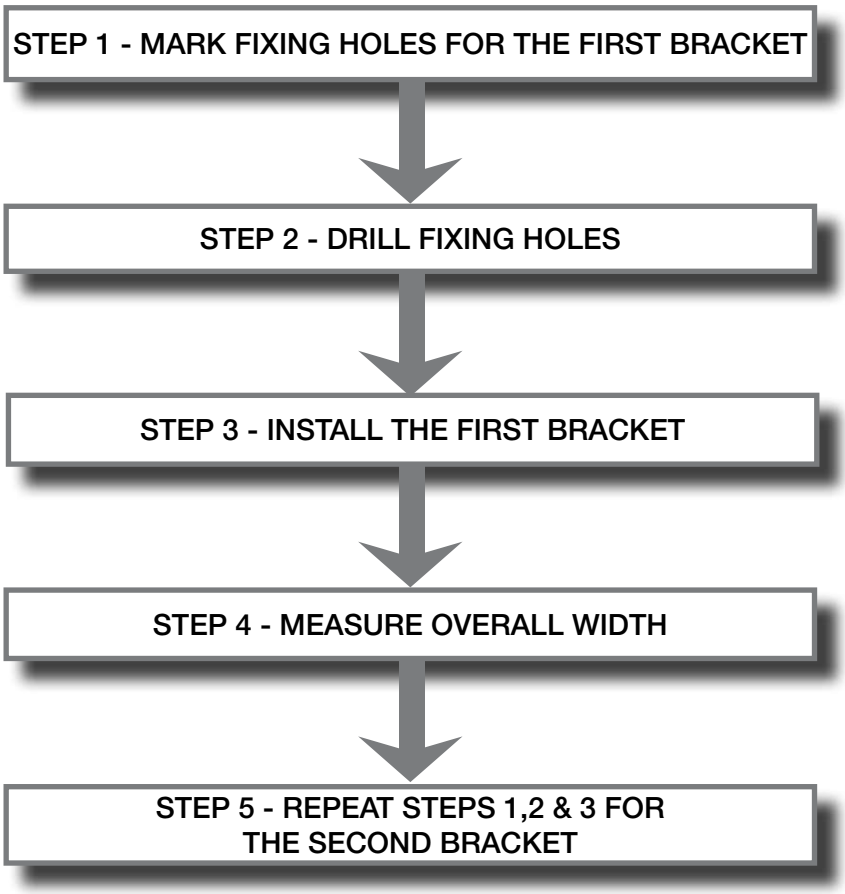


SOLARE TEKNICA 5000 SRS

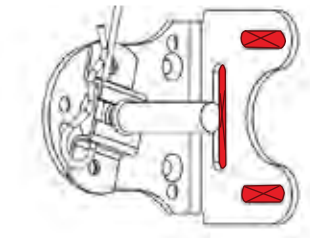
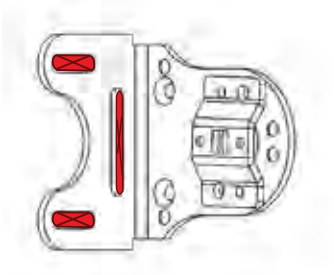
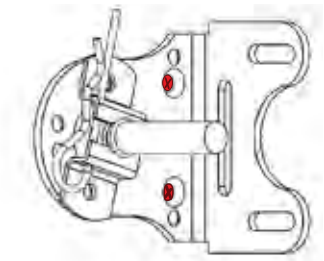
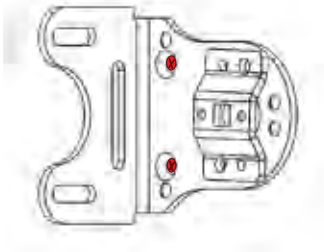
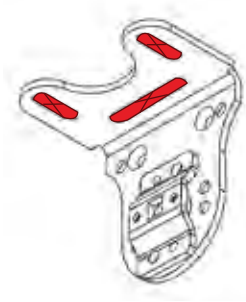


SOLARE TEKNICA 5500 PIVOT ARM FRONT RAIL

OPEN ROLLER INSTALLATION



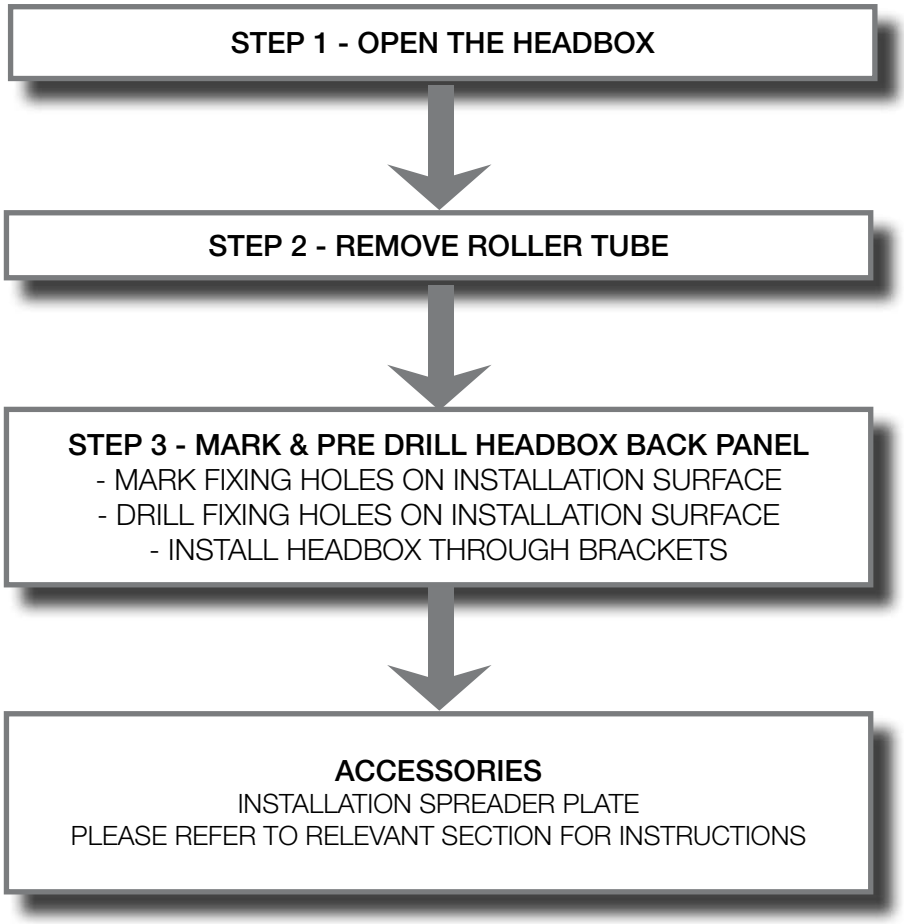
OPEN ROLLER INSTALLATION

STEP 1/2/3 - FACE FIT INSTALL	
	
IDLE END	DRIVE END
REVEAL FIT INSTALL	
	
IDLE END	DRIVE END
CEILING FIT INSTALL	
	
IDLE END	DRIVE END

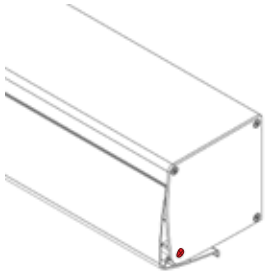
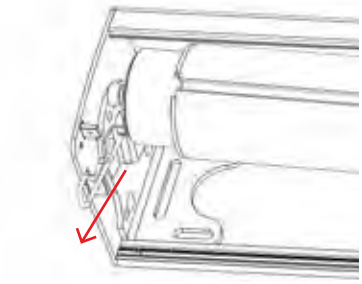
Brackets will come pre-assembled with idle and drive end components attached. The orientation of these components on the brackets will be determined by the fixing orientation specified on the order form. Example: Face/Reveal, Ceiling.

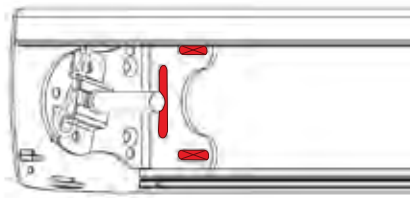
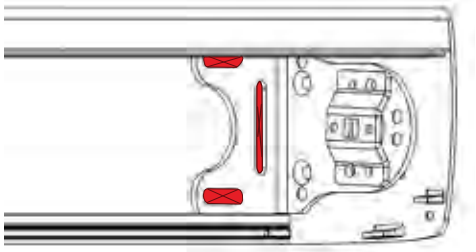
- Mark the fixing holes for the first bracket.
- Drill holes to suit the method of fixing determined by the substrate being fixed to.
- Screw the first bracket in place. Ensure the bracket is installed straight using a spirit level. If required, pack out the bracket.
- Repeat process for the second bracket.
- Ensure both brackets are installed level and the distance apart is enough for the roller tube to be inserted. The distance between the brackets should be the ordered overall measurement from outside of bracket to outside of bracket.

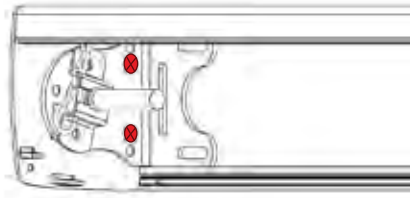
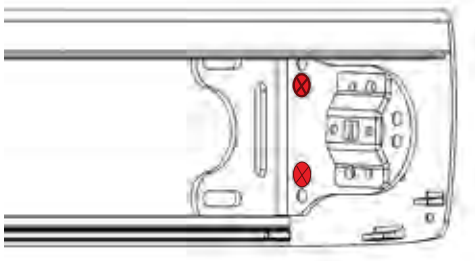
HEADBOX INSTALLATION



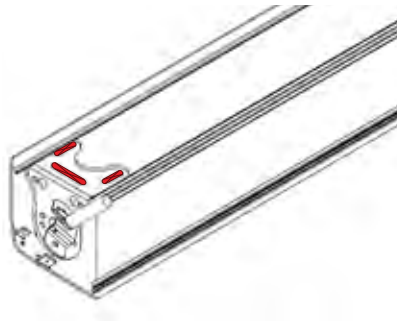
HEADBOX INSTALL

STEP 1 - OPEN THE HEADBOX	STEP 2 - REMOVE ROLLER TUBE
	
Open the headbox front cover by unscrewing the bottom screw on the headbox end cap. Repeat on opposite side. **NOTE:** For reveal fit the screw is no longer required.	Pull out the idle end locking pin and remove the roller tube idle end first.

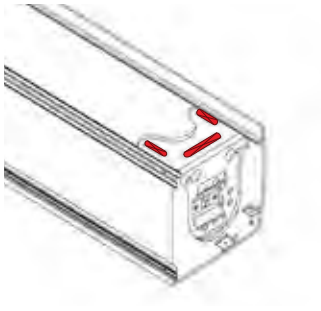
STEPS 3 - FACE FIT	
	
IDLE END	DRIVE END

STEPS 3 - REVEAL FIT INSTALL	
	
IDLE END	DRIVE END

STEPS 3 - CEILING FIT INSTALL



IDLE END



DRIVE END

Mark and drill the head box back plate where the fixings will go.
NOTE: Always secure the headbox back panel through the installation brackets or spreader plate!

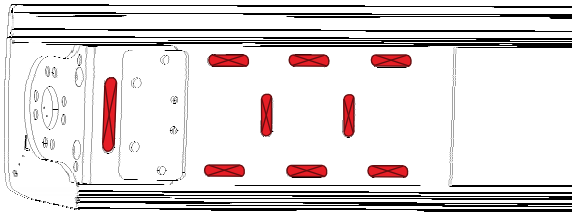
- After determining the exact position of the headbox you can fasten the brackets and headbox on the installation surface.
- Mark the fixing holes for the first bracket.
- Drill holes to suit the method of fixing determined by the substrate being fixed to.
- Secure installation screw in bracket to hold one side of head box.
- Repeat the process for the opposite bracket and ensure that the head box is straight using a spirit level.

NOTE: If required pack out the headbox.

- Once satisfied the headbox is level, secure remaining fixing points.

NOTE: For awnings over 3500mm wide, add an additional fixing point through the centre of the headbox back panel. E.g 3500mm wide secure at 1750mm.

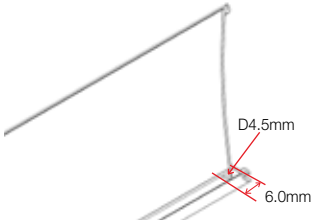
ACCESSORIES



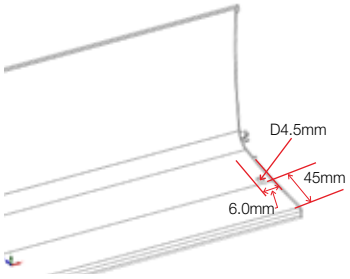
SPREADER PLATE

If there is no substantial fixing point at the ends of the headbox, a Spreader Plate can be added. This allows 250mm of flexibility for installation points at each end of the awning. If a spreader plate is ordered, this will come preassembled to the bracket inside the headbox determined by the installation type specified. Secure through Fixing points highlighted in the image.

REVEAL FIT - HEADBOX COVER INSTALL



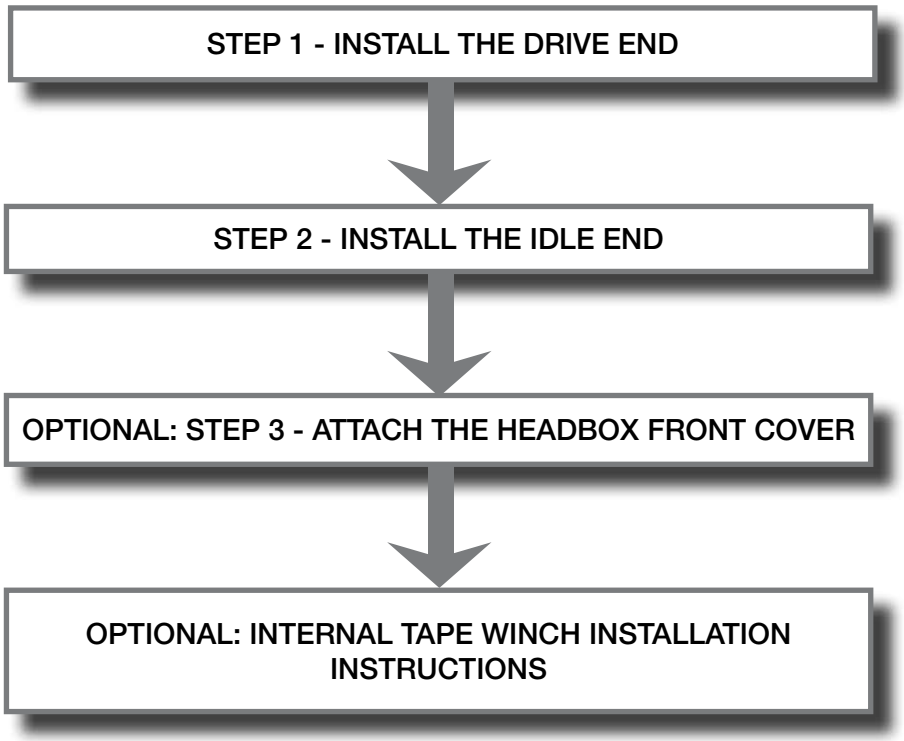
OPEN HEADBOX



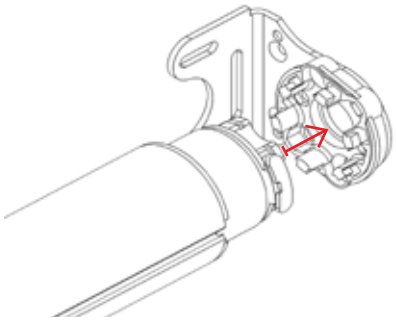
CLOSED HEADBOX

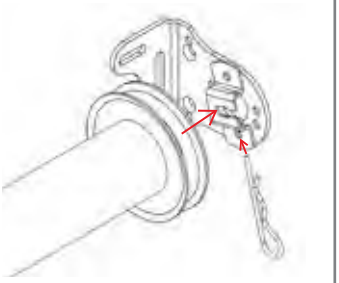
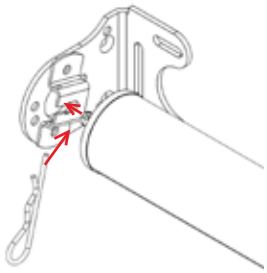
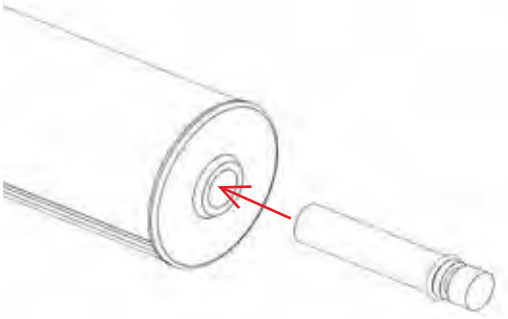
A 4.5mm hole needs to be drilled in the headbox cover in REVEAL applications. Location of hole, refer to diagram above.

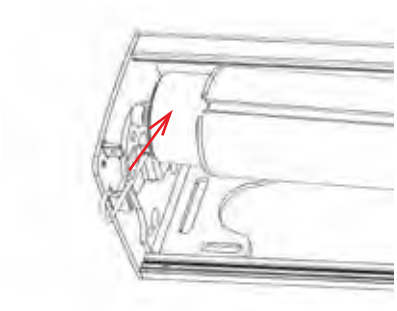
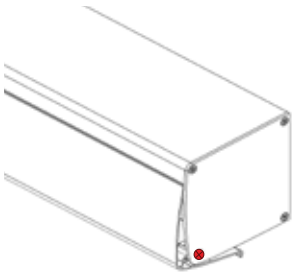
INSTALLING THE ROLLER TUBE



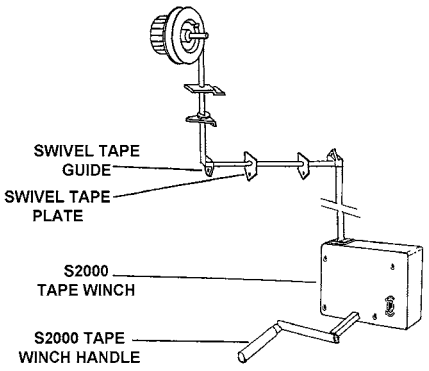
INSTALLING THE ROLLER TUBE

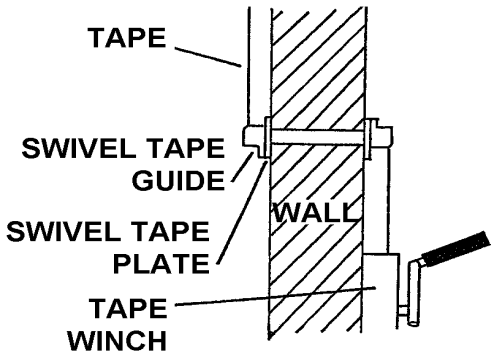
STEP 1 i - MOTORISED	STEP 1 ii - CRANK
	
Motorised – Insert motor into motor bracket then secure using motor clip	Crank – insert crank pin into crank gear

STEP 1 iii - INTERNAL TAPE WINCH		STEP 2 A - INSERT PIVOT PIN
		
Internal Tape Winch – Insert pin into spring plate and use locking pin to secure.		Insert Pivot Pin into idle end on tube.

STEP 2 B - INSTALL THE ROLLER	OPTIONAL: STEP 3 - ATTACH THE HEADBOX FRONT COVER
	
Lift Roller over the installation bracket and down so pivot pin sits inside the pivot plate. Insert idle locking pin to secure roller. *Operate the awning a couple of times to ensure tracking and correct operation of the awning.	Once satisfied, reattach the headbox front cover.

INTERNAL TAPE WINCH INSTALL INSTRUCTIONS

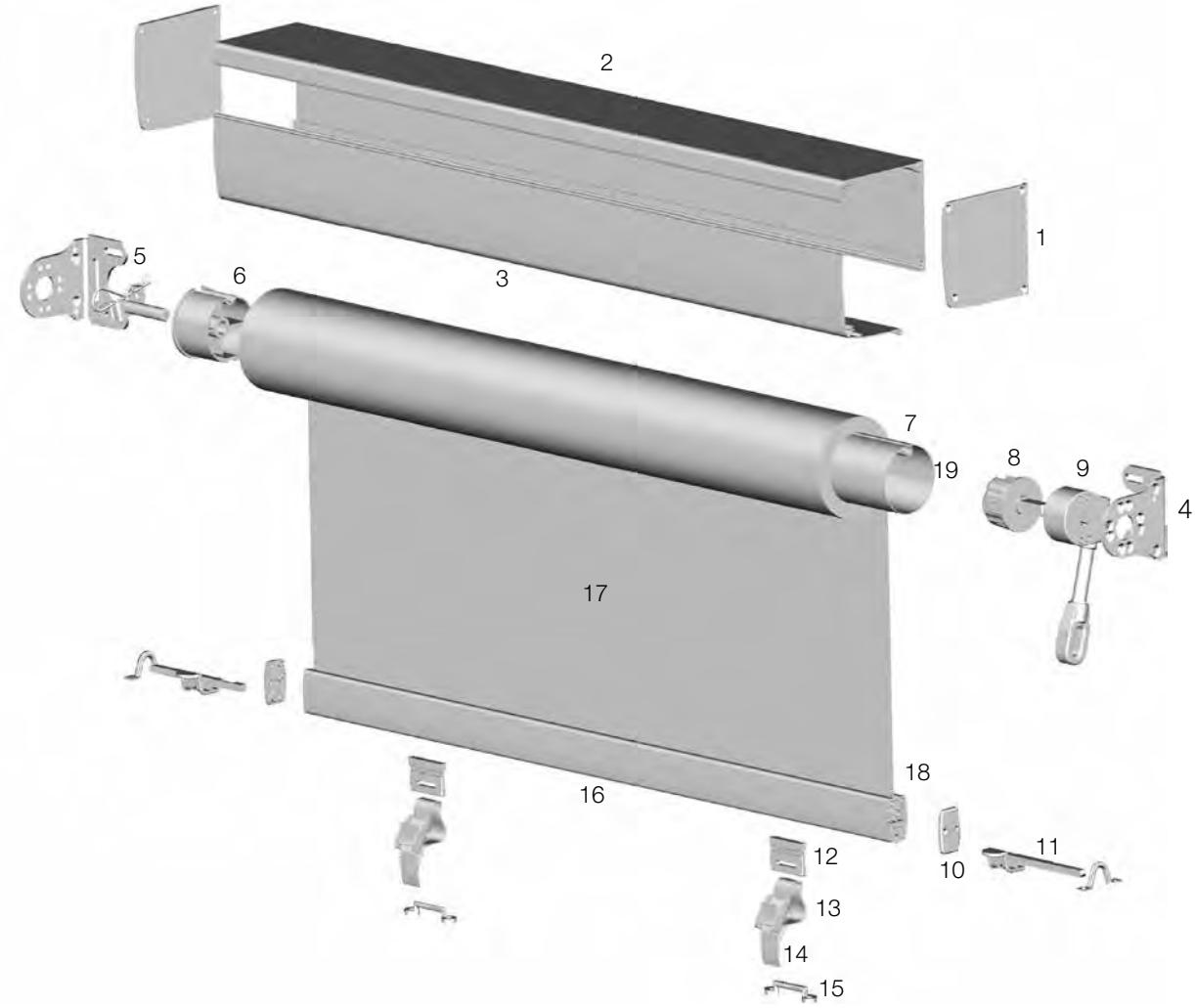




Fitting Internal Tape Winch

- Unscrew the cover of the internal tape winch and note the direction in which the tape runs off the spool.
- Remove the tape supplied with the winch.
- Thread the tape from the awning tape spool through the two swivel tape guides. Attach swivel tape guides to the internal and external walls. Lower the awning.
- Thread the end of the tape through the slot on the tape winch spool. Cut the tape so that only 1 - 2 windings will remain on the spool. Tie a secure knot in the end. Wind the excess tape on to the spool. Replace the spool in the winch ensuring that the tape winds off in the correct direction. Screw cover back on to winch.
- Drill four (4) holes in the wall for the winch and fit rawl plugs supplied or use the fastener appropriate for the installation. At least two of the screws should be set into an architrave or stud. All four screws must be used. If necessary add packing behind the winch if attaching to an uneven surface.
- Test the awning to see if it functions properly.

SOLARE TEKNICA 1000

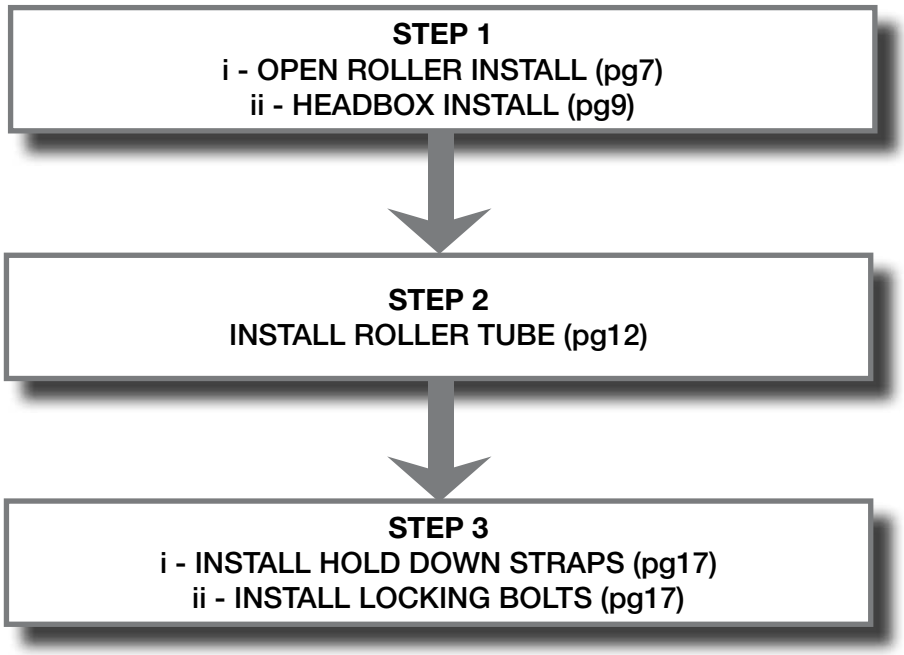


No	Part	Description
1	46.608.XXX	HEADBOX END CAP LH & RH
2	46.005.XXX	HEADBOX BACK PLATE
3	46.012.XXX* 46.013.XXX*	R HEADBOX FRONT COVER (CLOSED) R HEADBOX FRONT COVER (OPEN)
4	46.019.XXX	100MM UNIVERSAL BRACKET
5	46.002.XXX	PIVOT PIN & PLATE
6	46.506.000 44.210.000 46.507.000	60MM IDLE END 70MM IDLER WITH HOLE 78MM IDLE END
7	42.180.049 46.522.500 46.522.700 46.521.500 46.521.700	60MM TUBE 70MM TUBE 5MT 70MM TUBE 7MT 78MM TUBE 5MT 78MM TUBE 7MT
8	42.603.855 44.209.000 46.504.000 46.505.000	60MM DRIVE END - SMALL 70MM DRIVE END 78MM CRANK DRIVE END 60MM DRIVE END - 13MM SHAFT

No	Part	Description
9	46.502.XXX	9:1 GEAR
10	46.524.000	PLAIN BOTTOM RAIL END CAP
11	46.517.000	R BOTTOM RAIL LOCKING PIN
12	46.500.000	HOLD DOWN CLIP
13	42.236.000	BUCKLE FOR HOLD DOWN STRAP
14	42.230.000	RUA STRAP
15	42.204.000	BREECHING STAPLE
16	46.011.XXX	R BOTTOM RAIL
17	82.29X.XXX 44.XXX.XXX	CANVAS FABRIC EXTERNAL SCREEN FABRIC
18	44.132.000 42.421.855	4.2MM ES SOLID SPLINE 6MM SPLINE
19	42.198.000 42.421.855	3.5MM HARD SPLINE 6MM SPLINE

*000 - MILL, 100 -SILVER PEARL, 134-MOMBASA, 734-YALUMBA, 737-CHARDONNAY, 810-THUNDERCLOUD, 850-WHITE SATIN

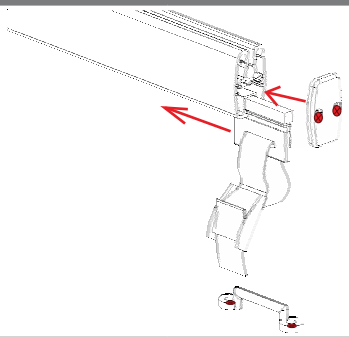
SOLARE TEKNICA 1000 INSTALLATION



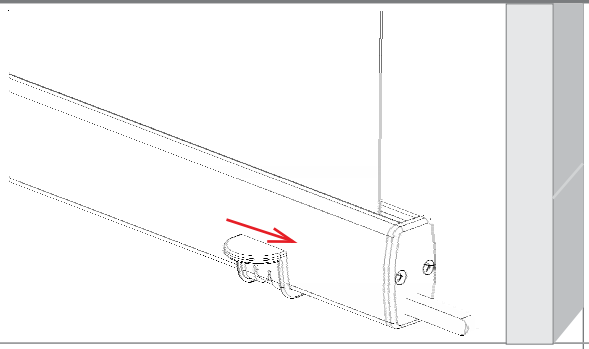
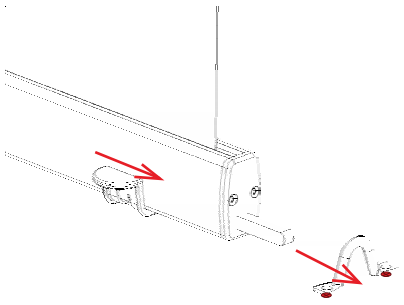
SOLARE TEKNICA 1000 INSTALLATION

STEP 1 - INSTALL HEADBOX OR OPEN ROLLER	STEP 2 - INSTALL THE ROLLER TUBE
Refer to the following sections for instructions i - open roller install (pg7) ii - headbox install (pg9)	refer to installing the roller section (pg12)

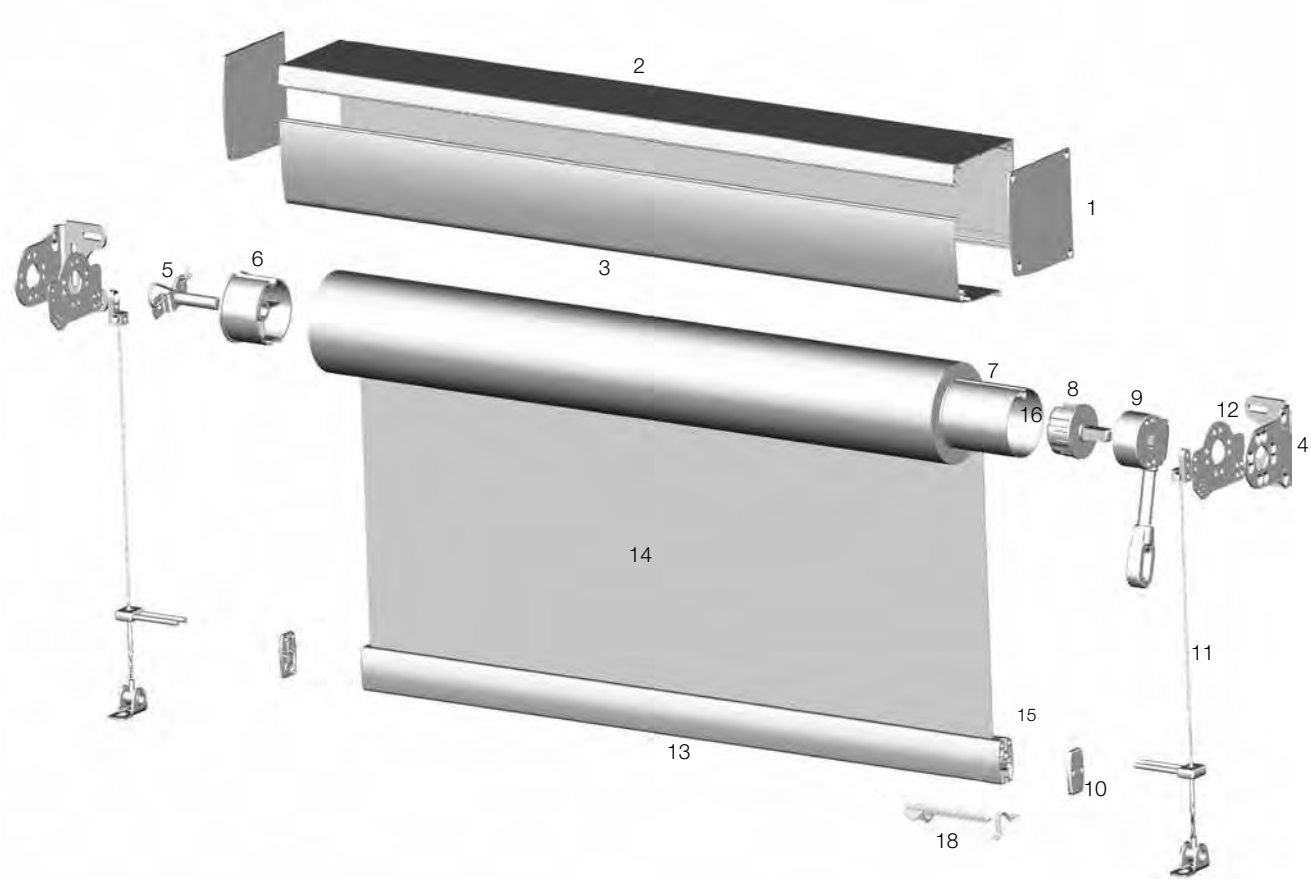
STEP 3 - INSTALL HOLD DOWN STRAPS



In order to protect the hold down clips they will be supplied uninstalled from the bottom rail.
- Remove Bottom Rail end cap
- Insert ALL Hold down clips with strap, buckle and dog clip attached.
- Lower awning to desired fixing height.
- Slide hold down clips and straps to desired hold down locations.
- Reattach bottom rail end cap.
- Fix breeching staple to floor or wall surface under hold down straps.
- Use dog clip to attach hold down to breeching staple.

STEP 3 ii - INSTALL LOCKING BOLTS TO REVEAL POST	STEP 3 iii - INSTALL LOCKING BOLTS USING BREECHING STAPLE
	
The locking bolts will be supplied pre-installed in the bottom rail Secure to Reveal post - Lower awning to desired fixing height. - Slide locking bolts out to desired fixing location - Line up locking bolts with the posts and ensure the bottom rail is level. - Mark fixing holes on post and drill using a 12mm drill bit. - Slide locking bolts into the hole and apply tension to ensure a level installation. - Holes can be drilled at a variety of different stopping locations along the post dependent on consumer requirements	The locking bolts will be supplied pre-installed in the bottom rail Secure using Breeching Staple - Lower awning to desired fixing height. - Slide locking bolts out to desired fixing location - Place breeching staple to floor or wall surface to ensure the locking bolt can be secured under the breeching staple. - Ensure the bottom rail is level. If not, pack out breeching staple to ensure bottom rail will be perfectly horizontal when secured. - Fix breeching staple to floor or wall surface. - Slide locking bolts into the hole and apply tension to ensure a level installation.

SOLARE TEKNICA 2000

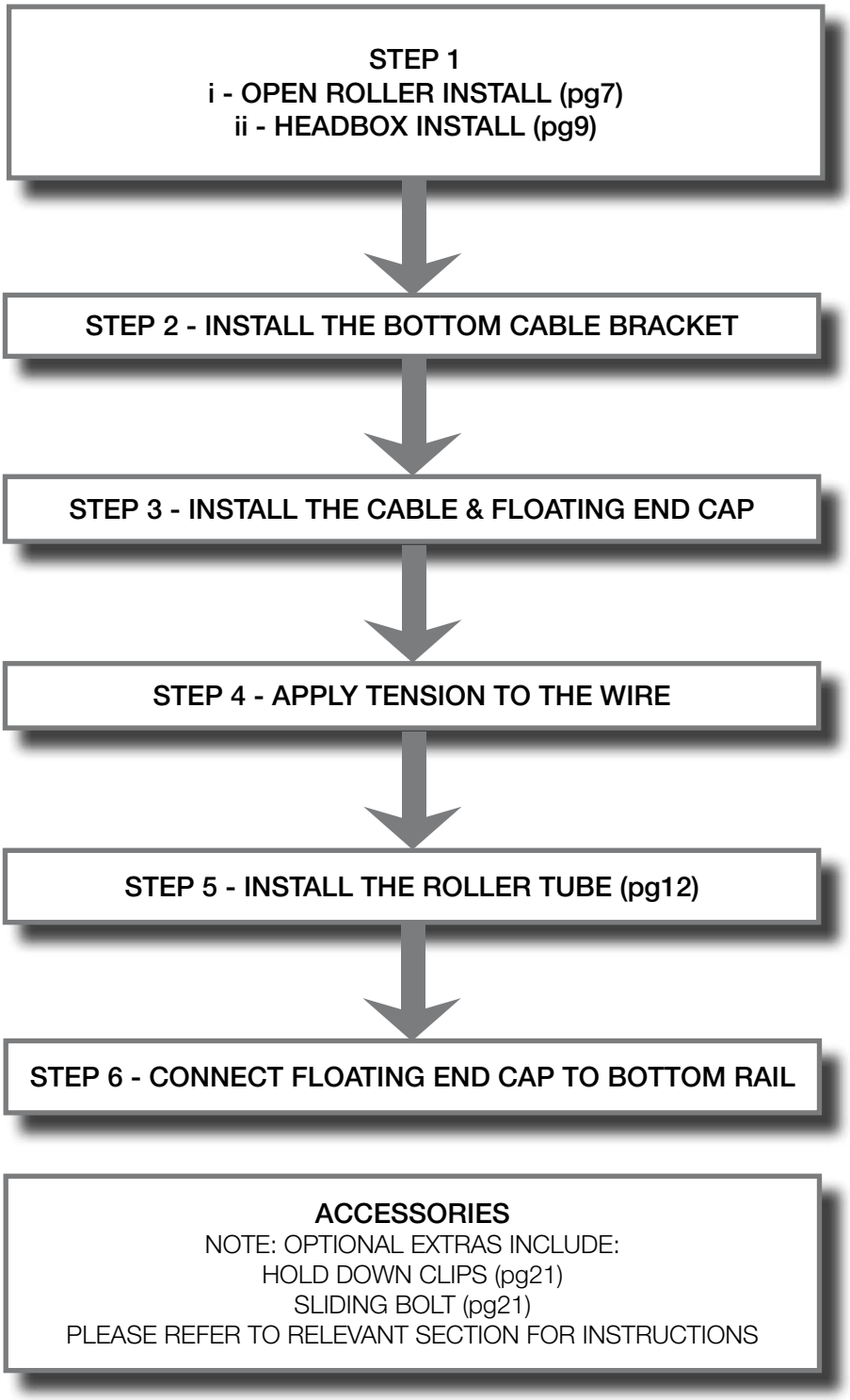


No	Part	Description
1	46.608.XXX	HEADBOX END CAP LH & RH
2	46.005.XXX	HEADBOX BACK PLATE
3	46.012.XXX* 46.013.XXX*	R HEADBOX FRONT COVER (CLOSED) R HEADBOX FRONT COVER (OPEN)
4	46.019.XXX	100MM UNIVERSAL BRACKET
5	46.002.XXX	PIVOT PIN & PLATE
6	46.506.000 44.210.000 46.507.000	60MM IDLE END 70MM IDLE END 78MM IDLE END
7	42.180.049 46.522.500 46.522.700 46.521.500 46.521.700	60MM TUBE 70MM TUBE 5MT 70MM TUBE 7MT 78MM TUBE 5MT 78MM TUBE 7MT
8	42.603.855 44.209.000 46.504.000 46.505.000	60MM DRIVE END - SMALL 70MM DRIVE END 78MM CRANK DRIVE END 60MM DRIVE END - 13MM SHAFT

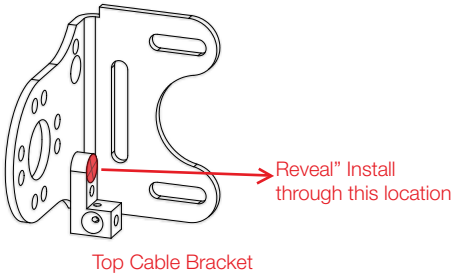
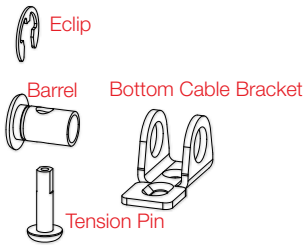
No	Part	Description
9	46.502.XXX	9:1 GEAR
10	46.524.000	PLAIN BOTTOM RAIL END CAP
11	46.108.063	CG CABLE GUIDE SET
12	46.530.063	EXTENSION PLATE
13	46.011.XXX	R BOTTOM RAIL
14	82.29X.XXX 44.XXX.XXX	CANVAS FABRIC EXTERNAL SCREEN FABRIC
15	44.132.000 42.421.855	4.2MM ES SOLID SPLINE 6MM SPLINE
16	42.198.000 42.421.855	3.5MM HARD SPLINE 6MM SPLINE
17	46.520.000	HEADBOX REVEAL CLIP
18	46.517.000	R BOTTOM RAIL LOCKING PIN

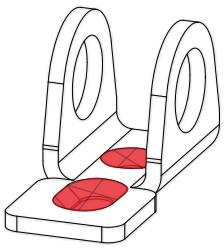
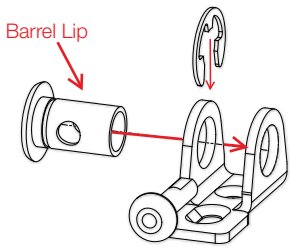
*000 - MILL, 100 -SILVER PEARL, 134-MOMBASA, 734-YALUMBA, 737-CHARDONNAY, 810-THUNDERCLOUD, 850-WHITE SATIN

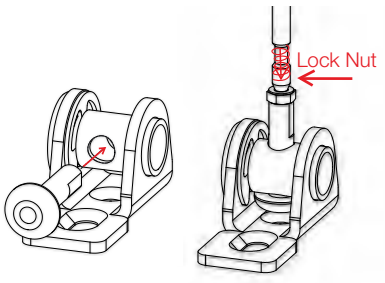
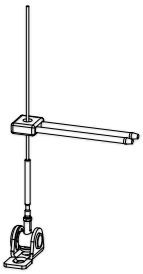
SOLARE TEKNICA 2000 INSTALLATION

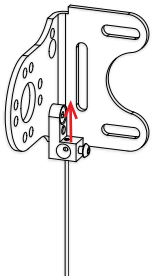
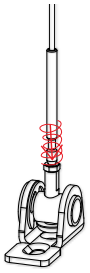


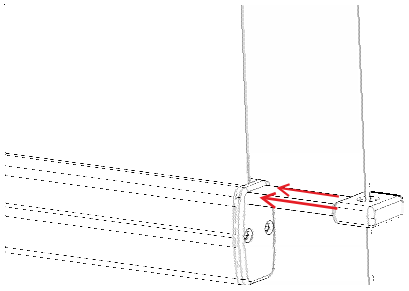
SOLARE TEKNICA 2000 INSTALLATION

STEP 1 - INSTALL HEADBOX OR OPEN ROLLER	STEP 2 A - PREPARE THE BOTTOM CABLE BRACKET
	
Refer to the following sections for instructions i - open roller install (pg7) ii - headbox install (pg9) **NOTE:** cable guide installation bracket will come with top cable bracket pre attached	Use a string line or sprit level from the edge of the blind bracket or side of the headbox to determine the correct location of the wire guide bottom bracket. **NOTE:** The bottom bracket is universal and can be used for wall, floor or reveal mounting. - Remove the Eclip from the barrel using screw driver or pointy nose plyers. - unscrew the bottom tension pin from the bottom of the wire. - remove the barrel from the bracket.

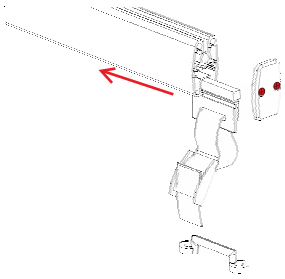
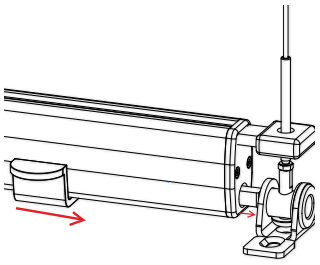
STEP 2 B - INSTALL THE BOTTOM CABLE BRACKET	STEP 2 C - SECURE THE BARREL
	
Place the bottom cable bracket on the location mark and fix into place with the appropriate fixings.	Once bracket is fixed to ground/wall, slide in barrel, ensure the “lip” of barrel is facing towards the awning fabric. Insert the Eclip around the “lip” of the barrel to ensure the barrel is secure.

STEP 3 A - ATTACH WIRE TO BOTTOM BRACKET	STEP 3 B - ATTACH FLOATING END CAP TO WIRE
	
Insert the Tension pin through the barrel and screw to the bottom of the wire, turn 3 - 4 times to secure.	Unwind the wire and feed floating end cap onto the wire.

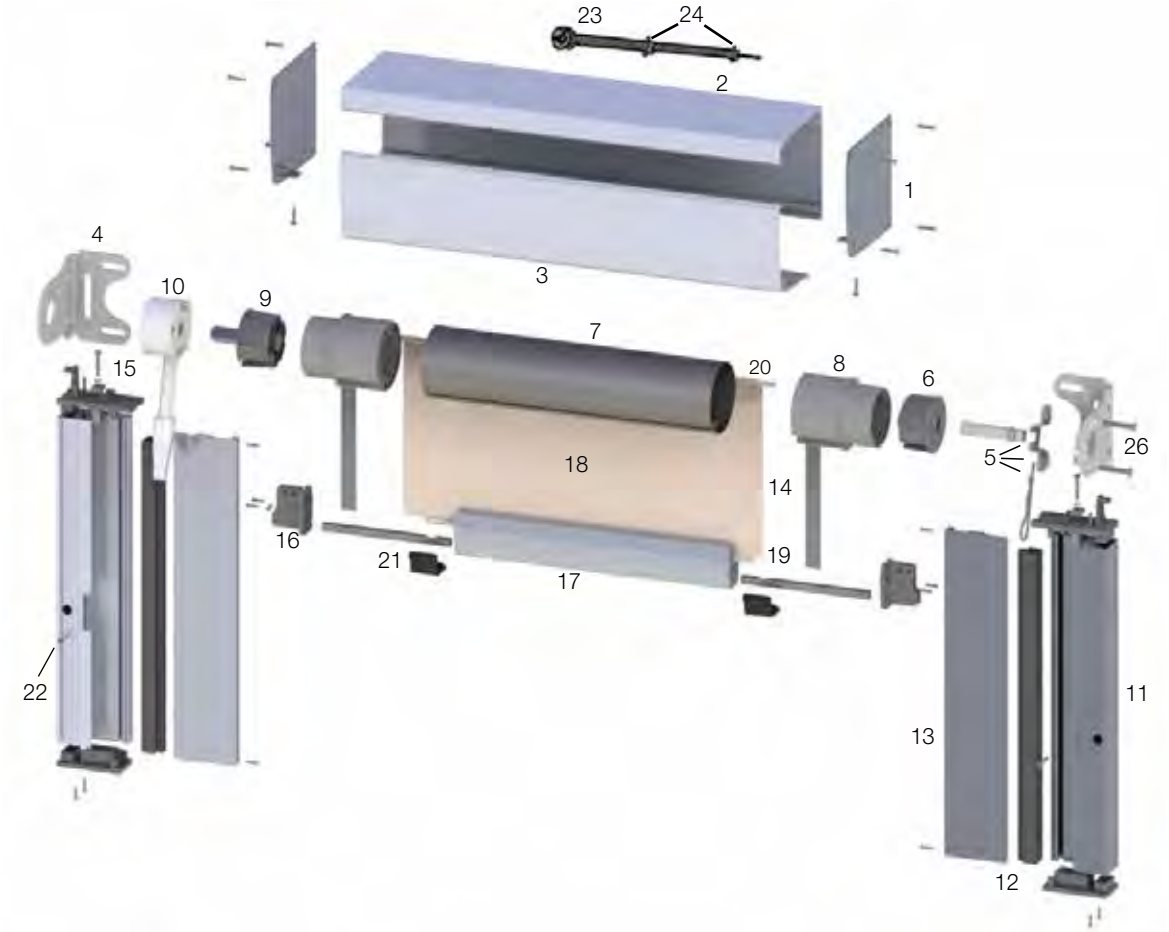
STEP 4 A - ATTACH WIRE TO TOP CABLE BRACKET	STEP 4 B - APPLY TENSION TO THE WIRE
	
Feed wire through the top cable brackets. Pull the wire tight. Lock off with a 4mm Allen key. Ensure the grub screw is secured tightly.	Return to the bottom bracket and use 2 pairs of pliers to tighten the tension pin by holding the wire with one pair of pliers and turn the pin with the other pair. Repeat on opposite side.

STEP 5 - INSTALL THE ROLLER TUBE	STEP 6 - CONNECT FLOATING END CAP TO BOTTOM RAIL
Refer to installing the roller tube section. (pg12)	
	- Once the awning is installed lower the awning to a position where it can be reached from the ground. Tilt the awning and insert the floating end cap into bottom rail. Repeat for other side.

ACCESSORIES

	
OPTIONAL: HOLD DOWN STRAPS	**OPTIONAL: LOCKING BOLTS**
In order to protect the hold down clips they will be supplied uninstalled from the bottom rail. - Remove Bottom Rail end cap - Insert ALL Hold down clips with strap, buckle and dog clip attached. - Lower awning to desired fixing height. - Slide hold down clips and straps to desired hold down locations. - Fix breeching staple to floor or wall surface under hold down straps. Use dog clip to attach hold down to breeching staple	The locking bolts will be supplied pre-installed to the bottom rail - Lower awning to the bottom cable guide brackets. - Slide locking bolts into the bottom cable guide bracket and apply tension to ensure a level installation. If not level, pack out bottom cable guide bracket to ensure bottom rail will be perfectly horizontal when under tension.

SOLARE TEKNICA 5000 (SIDE RETENTION SYSTEM)

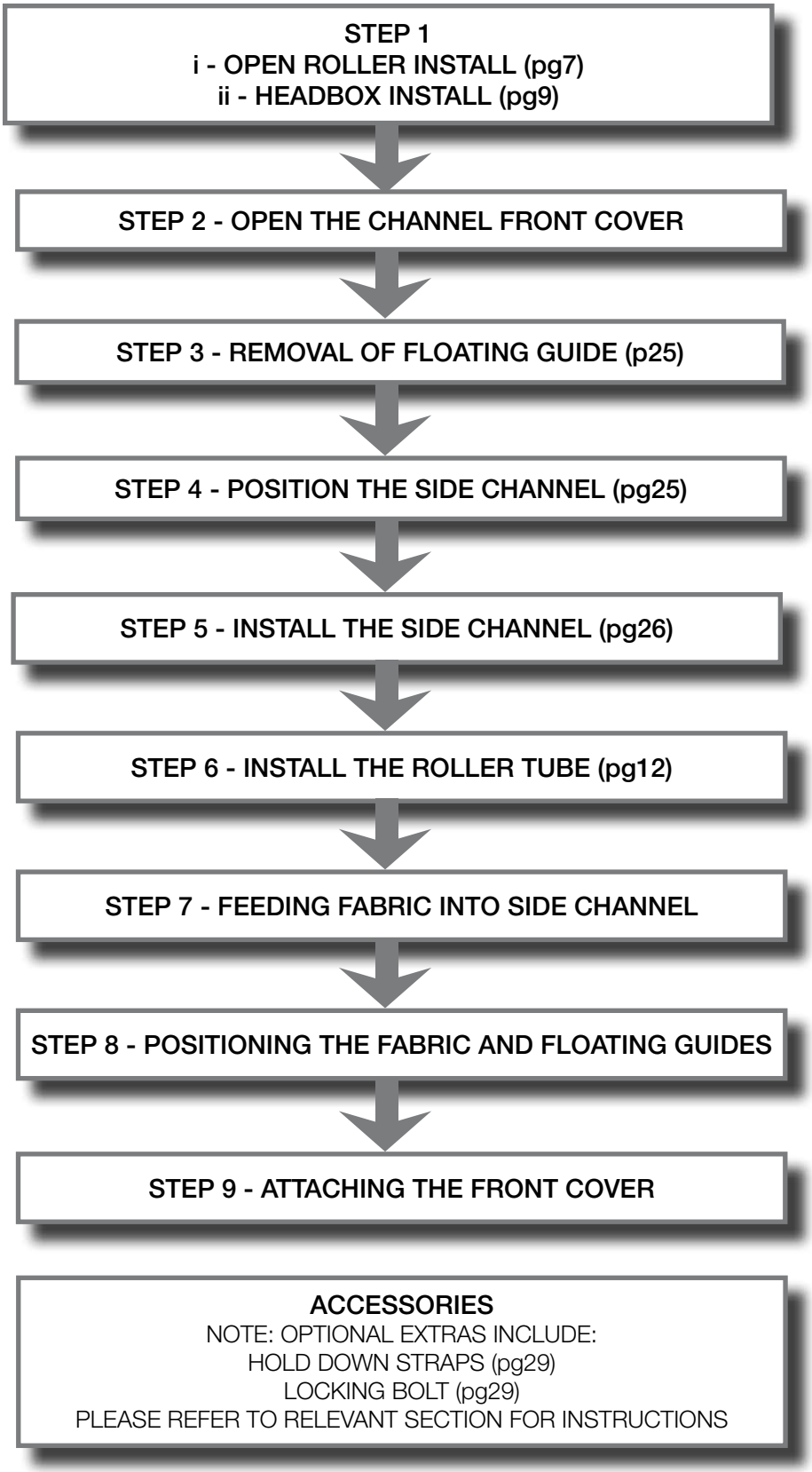


No	Part	Description
1	46.608.XXX*	HEADBOX END CAP LH & RH
2	46.005.XXX*	HEADBOX BACK PLATE
3	46.012.XXX* 46.013.XXX*	R HEADBOX FRONT COVER (CLOSED) R HEADBOX FRONT COVER (OPEN)
4	46.019.000 46.019.063	100MM UNIVERSAL BRACKET Z 100MM UNIVERSAL BRACKET SS
5	46.002.000 46.002.063	PIVOT PIN & PLATE Z PIVOT PIN & PLATE SS
6	46.506.000	60MM IDLE END
7	46.612.500 46.612.700	78MM TUBE 5MT 78MM TUBE 7MT
8	46.306.000	ZS TUBE REDUCER
9	42.603.855 46.505.000	60MM DRIVE END - SMALL 60MM DRIVE END - 13MM SHAFT
10	46.502.100 46.502.122 46.502.837	9:1 GEAR SILVER 9:1 GEAR WHITE (CRANK OPERATION ONLY) 9:1 GEAR BLACK
11	46.606.XXX	DC ZS CHANNEL V2
12	46.610.000	ZS FLOATING CHANNEL V2
13	46.607.XXX	DC ZS CHANNEL COVER V2

No	Part	Description
14	46.599.000	ZIP
15	46.609.000	DC ZS CHANNEL END CAP SET V2
16	46.611.000	ZS BOTTOM RAIL END CAP R V2
17	46.011.XXX*	R BOTTOM RAIL
18	82.29X.XXX 44.XXX.XXX	CANVAS FABRIC EXTERNAL SCREEN FABRIC
19	44.132.000 42.421.855	4.2MM ES SOLID SPLINE 6MM SPLINE
20	42.198.000 42.421.855	3.5MM HARD SPLINE 6MM SPLINE
21	46.517.000	R BOTTOM RAIL LOCKING PIN
22	45.615.063	SCREW 8G X 25 MUSH SS
23	42.064.000 42.065.000 42.066.000 42.067.000	RUA 60 SPRING ASSY 750MM BARE RUA 60 SPRING ASSY 750MM LIGHT BARE RUA 60 SPRING ASSY 1200MM BARE RUA 60 SPRING ASSY 1800MM BARE (SPRING OPERATION ONLY)
24	42.068.000	SPRING ASSY ADAPTORS

*000 - MILL, 100 -SILVER PEARL, 134-MOMBASA, 734-YALUMBA, 737-CHARDONNAY, 810-THUNDERCLOUD, 850-WHITE SATIN

SOLARE TEKNICA 5000
(SIDE RETENTION SYSTEM) INSTALLATION

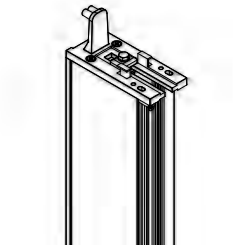


SOLARE TEKNICA 5000
(SIDE RETENTION SYSTEM) INSTALLATION

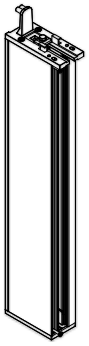
STEP 1 - INSTALL HEADBOX OR OPEN ROLLER

Refer to the following sections for instructions
i - open roller install (pg7)
ii - headbox install (pg9)

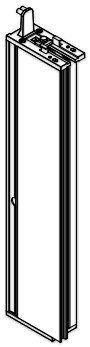
STEP 2 - OPEN THE CHANNEL FRONT COVER



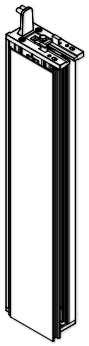
The installation channel will be supplied fully assembled (Back Channel, Floating Channel, Front channel with Top and Bottom channel caps attached.



a) Check if front cover fixing screws at top of bottom end caps are used, if so remove screws.
Note: An installed awning will have these in place.

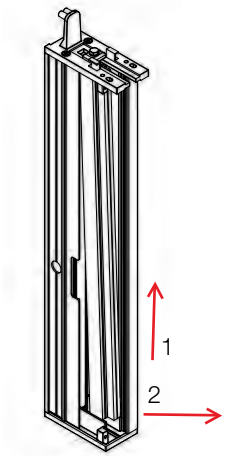


b) Slide front cover towards middle of blind about 12mm where it will stop. This operation can be performed on either end of channel.

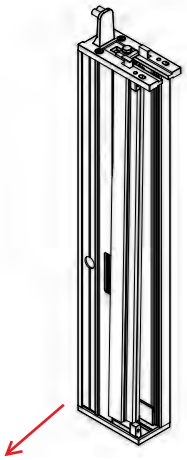


b) Front cover can then be removed by lifting towards user.

STEP 3 - REMOVAL OF FLOATING GUIDE

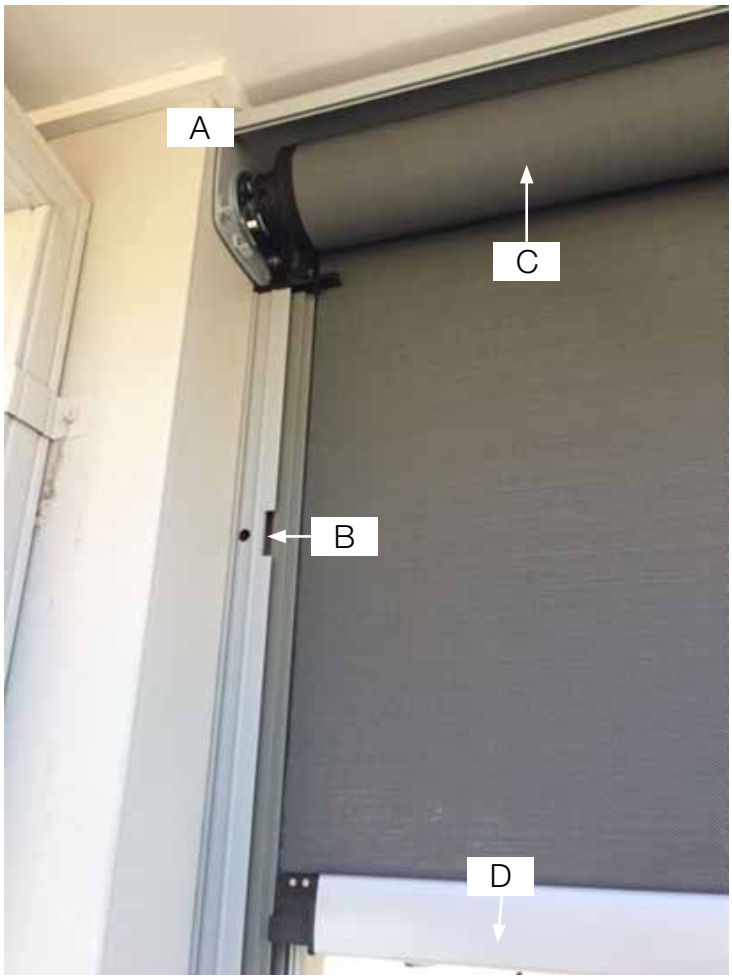


a) Lift black floating guide towards top of channel about 2mm and tilt bottom guide towards middle of awning.



b) Pull floating guide towards user and lower guide so bottom end comes out first.
Note: If this cannot be removed loosen bolt on top end cap.

STEP 4 - POSITION THE SIDE CHANNEL



A. Install the headbox back plate, level the headbox before fixing with the specified screws through the Universal Mounting Brackets.

B. Install the DC ZC CHANNEL V2, for on face install use a spirit level to ensure the side channel is vertical and squared on the head box, for reveal mount directly to the substrate (for reveals up to 20mm out of square).

C. Install the fabric roll onto the head box and secure with the supplied safety pin.

D. Lower the bottom rail at least 100mm or 1/2 of the drop (power up the motors and use the remote if motorised)

*** The factory will cut the zip with a 30mm to 40mm tail, which should not be cut off on install. This will ensure an easier feed on of the guide and ensure the zip will not exit the top of the ZS guide if the awning is "over-raised". The tail will collapse into to bottom of the side channel when the awning is down.*

STEP 4 - POSITION THE SIDE CHANNEL CONT..

E. Insert the zipper into the ZS FLOATING GUIDE CHANNEL V2 and slide the guide up. Once the zip is located into the guide insert the guide onto the top end cap locator post with the screw. Then place the guide into the side channel with the bottom sitting on the vertical fins of the bottom end cap. Complete this process on the other side channel.

F. Fully lower and raise the awning 2-3 times to align the floating guide channels.

1. Then with the awning in the down position check the skin is centred on the awning and the positioning of the guides in the side channel looks balanced, adjust the skin position as required to achieve this.
2. Tighten up the top end cap locating nut. (7mm spanner is required).

STEP 5 - SECURING THE FLOATING GUIDE ONTO SIDE CHANNEL

Note: It is important to set the torque of the power screw driver to a lower setting then change the adjust the torque a bit higher if needed.

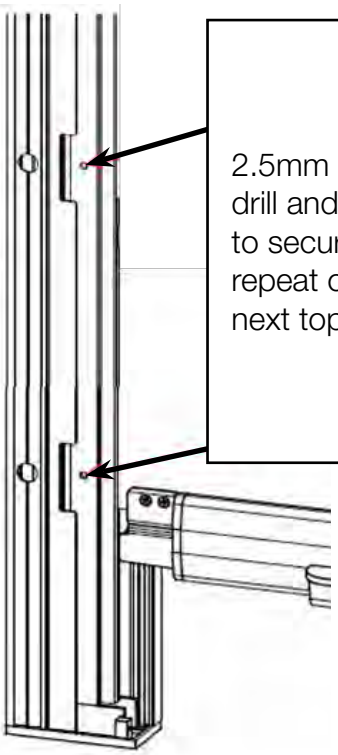
a. Lower the awning skin down to the bottom of the side channel.

b. Choose one of the side channels to fasten first i.e. either left or right.

c. Starting at the bottom of the channel move to the closest cut out in the side channel. Drill a 2.5mm pilot hole in both the Grey floating guide and the first layer of the side channel (you will feel the movement with the drill once the bit passes through the first layer of side channel) and fasten with the supplied fixing screw. Continue this procedure moving up the side channel at each cut out.

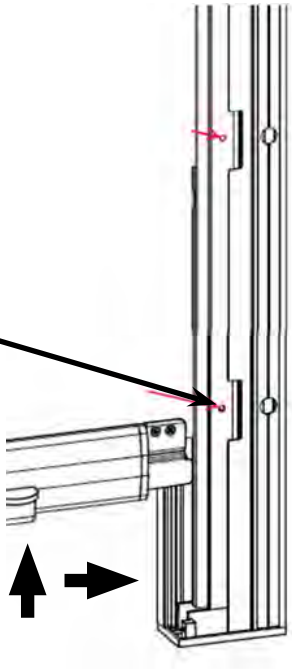
Note: Drill the pilot hole with medium pressure, this will ensure you do not drill through the back of the side guide.

STEP 6 - ONCE THE FIRST CHANNEL IS FIXED INTO POSITION MOVE TO THE CHANNEL ON THE OTHER SIDE.

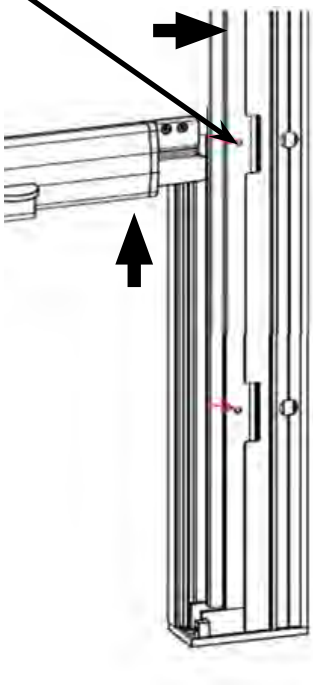


2.5mm Pilot drill and screw to secure then repeat on the next top cut out.

NB. Do not raise the blind while screw fixing the floating guide on this side.



Raise the blind and align the bottom rail onto the next cut out. Apply light tension and 2.5mm pilot drill & screw to the side channel.



1. Again, start at the bottom cut out and drill the 2.5mm pilot hole and fix off the guide with the supplied fastener.

2. Then unlike the other side move the bottom rail up to the next cut out and drill and secure the guide as above, ensuring only small tensioning pressure is applied to the channel / guide. Repeat this until the guide is secure at each cut out.

STEP 7 - TEST AND ADJUSTMENT

a. Run the awning up and down a few times to assess it is running smoothly and does not catch.

b. Where there is any tightness / catch points adjust the positioning of the fasteners at the nearest / relevant cut outs to either move the floating channel in or out. Here it is best to redrill a new pilot hole in the floating guide above or below the original one.

c. Check and adjust the top endcap locating nut to ensure the skin is rolling square.

STEP 8 - ATTACHING THE FRONT COVER SIDE CHANNEL

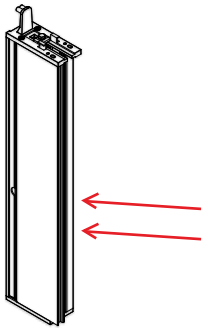
a. Raise the skin so the bottom rail is within 100mm of top end cap.

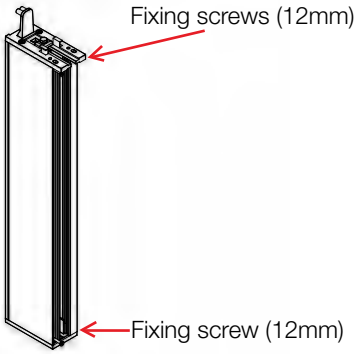
b. Align the front cover on back plate so the leading face is flush with side channel outer surface then slide into position.

c. Fasten the front cover into position by fixing screws with a screw driver through front cover of the top and bottom end caps.

STEP 9 - ATTACHING THE FRONT COVER

a) Raise skin so bottom rail is within 100mm of top end cap.





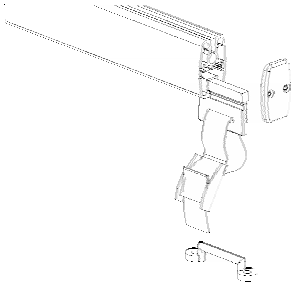
b) Align front cover on back plate so face is flush with side channel outer surface then slide into position.

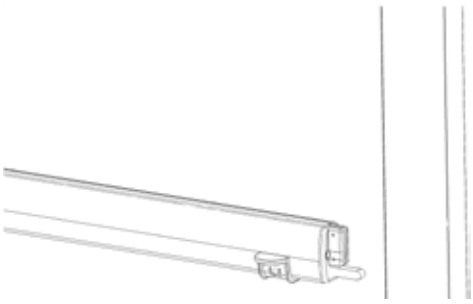
c) Fasten the front cover into position by fixing the screws with a screwdriver through the front cover at the top of the bottom end caps.

STEP 9 - ATTACHING THE FRONT COVER CONT..

Drill and screw both sides with the screws supplied when installing in the reveal.

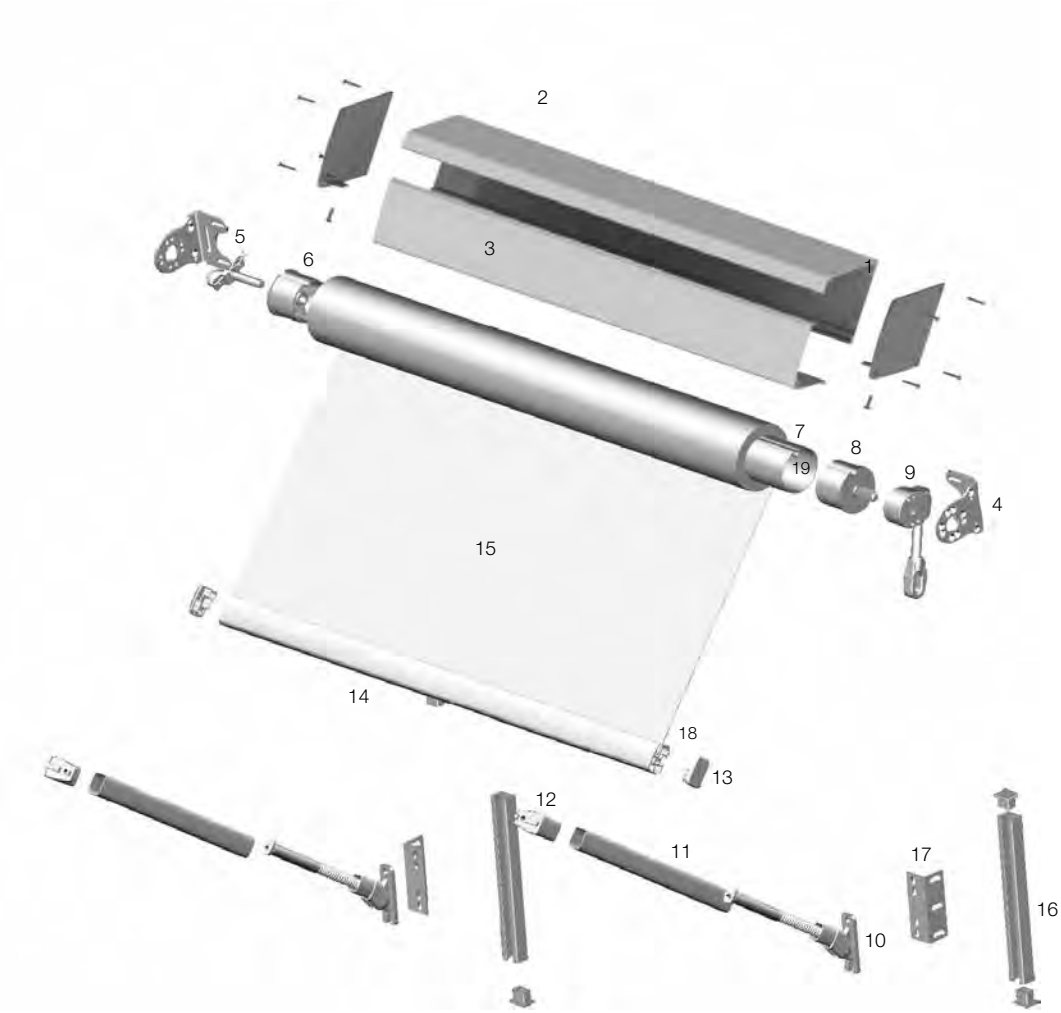
ACCESSORIES





OPTIONAL: HOLD DOWN STRAPS	OPTIONAL: LOCKING BOLTS
These instructions relate to fixing hold down straps to other guiding options. In order to protect the hold down clips, they will be supplied uninstalled from the bottom rail. - Remove Bottom Rail end cap - Insert ALL Hold down clips with strap, buckle and dog clip attached. - Lower awning to desired fixing height. - Slide hold down clips and straps to desired hold down locations. - Fix breeching staple to floor or wall surface under hold down straps. - Use dog clip to attach hold down to breeching staple.	The locking bolts will be supplied pre-installed to the bottom rail. Note - Channels need to be installed at the same height to ensure the bottom rail will be level when locked in place. - Lower awning to the bottom of the channels. - Drill 12mm hole in the side of the channel backplate. Ensure the hole is between the wedges on the bottom channel end cap and perfectly in line. - Slide locking bolts into the channel back plate hole to secure and apply tension to ensure a level installation.

SOLARE TEKNICA 5500

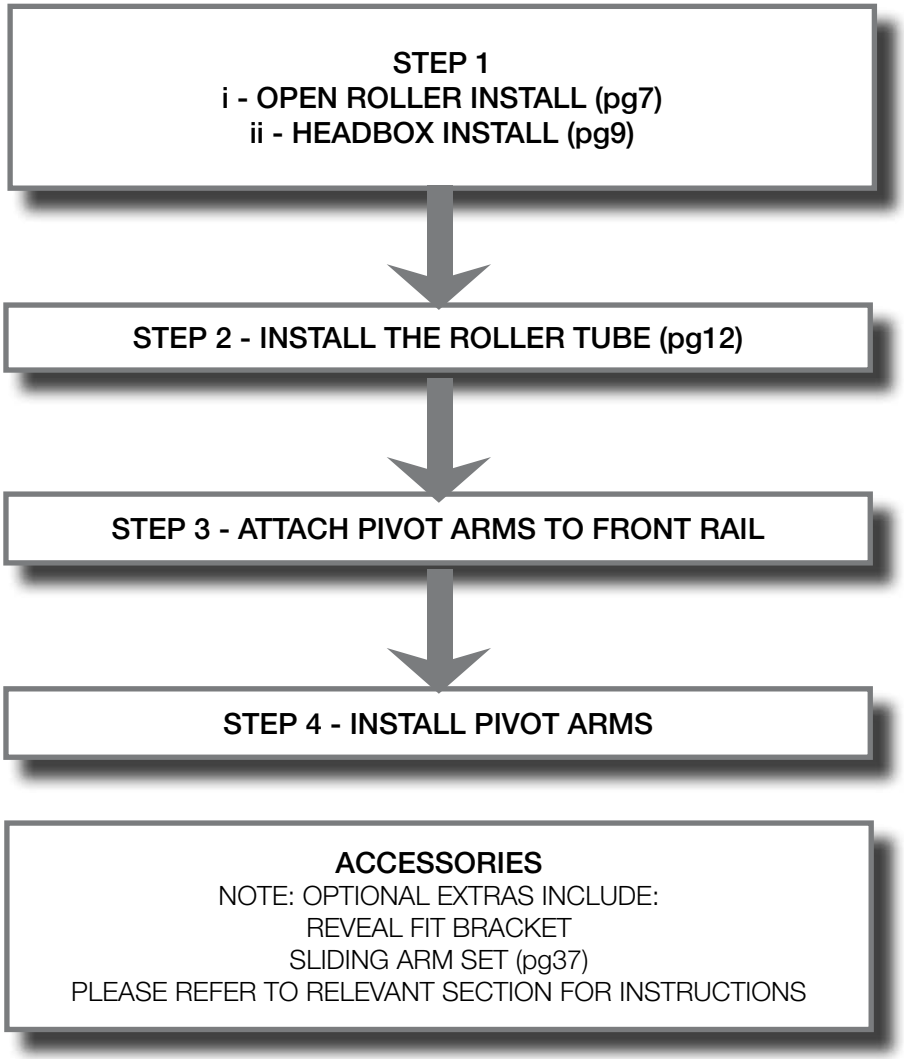


No	Part	Description
1	46.608.XXX	HEADBOX END CAP LH & RH
2	46.005.XXX	HEADBOX BACK PLATE
3	46.012.XXX* 46.013.XXX*	R HEADBOX FRONT COVER (CLOSED) R HEADBOX FRONT COVER (OPEN)
4	46.019.XXX	100MM UNIVERSAL BRACKET
5	46.002.XXX	PIVOT PIN & PLATE
6	46.506.000 44.210.000 46.507.000	60MM IDLE END 70MM IDLER WITH HOLE 78MM IDLE END
7	42.180.049 46.522.500 46.522.700 46.521.500 46.521.700	60MM TUBE 70MM TUBE 5MT 70MM TUBE 7MT 78MM TUBE 5MT 78MM TUBE 7MT
8	42.603.855 44.209.000 46.504.000 46.505.000	60MM DRIVE END - SMALL 70MM DRIVE END 78MM CRANK DRIVE END 60MM DRIVE END - 13MM SHAFT

No	Part	Description
9	46.502.XXX	9:1 GEAR
10	46.423.100	PA ARM BRACKET WITH SPRING
11	46.421.000	PA ARM PROFILE
12	46.422.030	PA FRONT RAIL CONNECTOR
13	46.420.000	PA FRNT RAIL END CAP
	46.419.XXX	R PA FRONT RAIL
15	82.29X.XXX 44.XXX.XXX	CANVAS FABRIC EXTERNAL SCREEN FABRIC
16	46.414.000	PA SLIDE RAIL 32X25MM 6M
17	46.416.100	PA ANGLE BRACKET (SIDE FIX)
18	44.132.000 42.421.855	4.2MM ES SOLID SPLINE 6MM SPLINE
19	42.198.000 42.421.855	3.5MM HARD SPLINE 6MM SPLINE

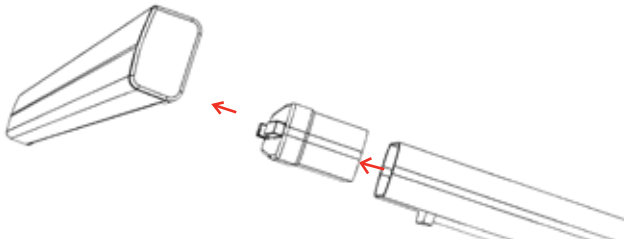
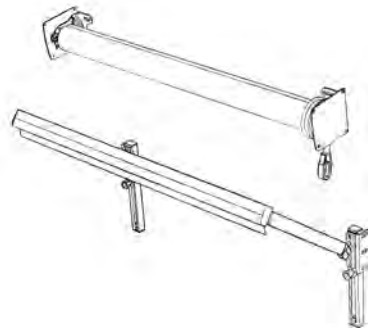
 *000 - MILL, 100 -SILVER PEARL, 134-MOMBASA, 734-YALUMBA, 737-CHARDONNAY, 810-THUNDERCLOUD, 850-WHITE SATIN *ONLY FOR CRANK OPERATION

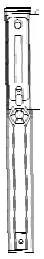
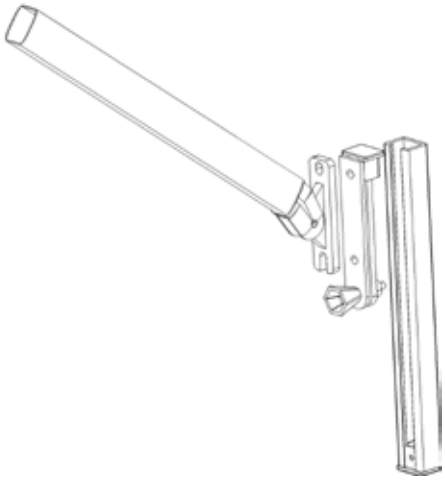
SOLARE TEKNICA 5500 INSTALLATION



SOLARE TEKNICA 5500 INSTALLATION

STEP 1 - INSTALL HEADBOX OR OPEN ROLLER	STEP 2 - INSTALL THE ROLLER TUBE
Refer to the following sections for instructions i - open roller install (pg7) ii - headbox install (pg9)	Refer to installing the roller section (pg12)

STEP 3 - ATTACH PIVOT ARMS TO FRONT RAIL	STEP 4 - INSTALL PIVOT ARMS
	
Attach pivot arms to front rail **NOTE:** Arms should be positioned within 300mm of the ends of the bottom rail and should be of equal distance.	Lower front rail 20mm below headbox or brackets and ensure the tube and front rail are parallel. - Mark fixing location of pivot arm installation foot. - Install pivot arms using screws. **NOTE:** For ALPHA Pivot Awning Reveal installations an angle bracket will be provided to mount the pivot arm foot to. The location of the angle bracket can be determined using the above process.

ACCESSORIES	
 	
OPTIONAL: STEP 3 A - SLIDING ARM SET	**OPTIONAL: STEP 3 B - SLIDING ARM SET**
Place slide rail under top bracket and align vertically. - Secure slide rail to wall surface using screws.	Attach Pivot Arm to slide rail set. - Insert slide rail set and Pivot Arm into the slide rail. - Lift spring bolts on sliding set to move the pivot arms.

OPTIONAL: STEP 3 C - SLIDING ARM SET

Raise front rail over Pivot Arm front rail connector and onto fabric.

- Align Front rail 20mm below the top bracket – this is the resting location for the Pivot Arms.
- Ensure the front rail and roller tube are parallel at all times.

PRETENSIONING THE SPRING FOR LITERISE/LIGHT LIFT

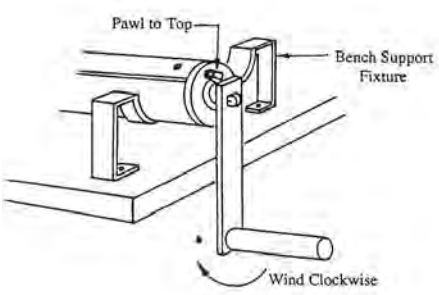
For LiteRise/Light Lift only. To be done prior to installation of Roller Tube if required.
Note: Spring must be installed for left hand control.

STEP 1 - SELECT THE CORRECT SPRING SIZE

a) Plot the width and drop of the awning on the Spring Tension Chart. Go up to the nearest incremental size. The chart will indicate the number of spring turns and spring type required to operate the blind correctly. Refer to Diagram on Page 39.

STEP 2 - PRETENSION THE SPRING

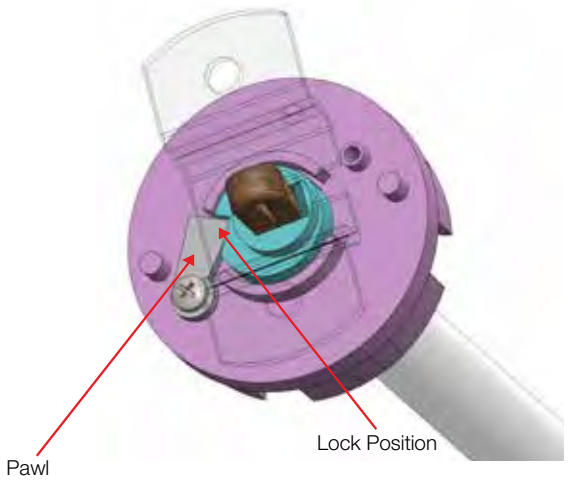
STEP 3 - PRETENSION THE SPRING



b) The spring should already be pretensioned at the factory. If there is need to tension, turn the spring adjustment lug clockwise. It is important to position the tube so that the pawl is at the top in order for the spring to be tensioned properly.

DO NOT EXCEED RECOMMENDED NUMBER OF PRE-TENSION TURNS.

STEP 4 - PRETENSION THE SPRING



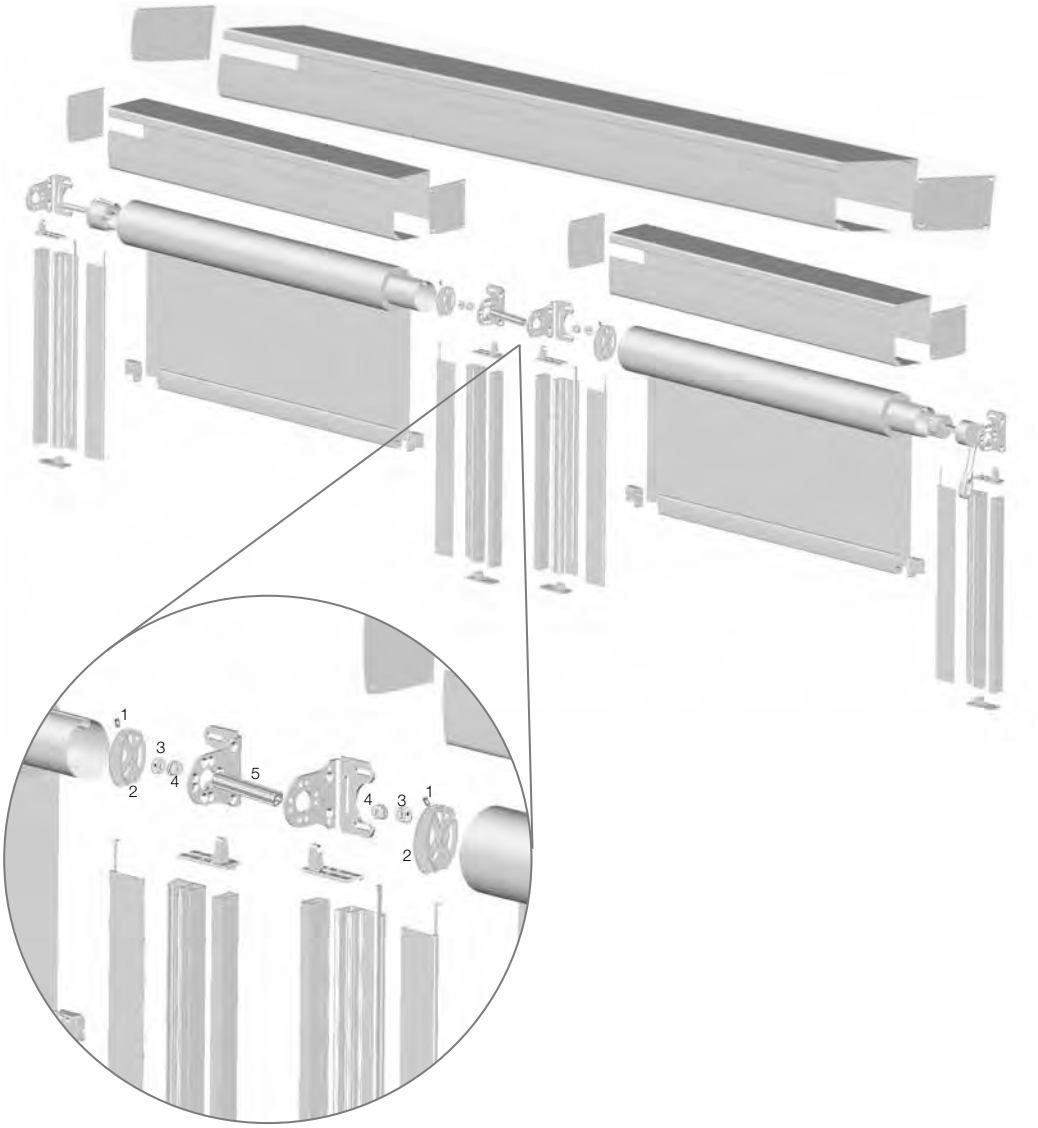
Ensure the pawl is locked off prior to installation of spring assembly onto the bracket.

SPRING TENSION CHART

	Width (m)																				
Drop (m)	1	1.2	1.4	1.6	1.8	2	2.2	2.4	2.6	2.8	3	3.2	3.4	3.6	3.8	4	4.2	4.4	4.6	4.8	5
1		7	10	14	18	8	9	10	11	12	12	13	14	15	16	16	17	18	19	16	17
1.2		7	10	14	18	8	9	10	11	12	12	13	14	15	16	16	17	18	15	16	17
1.4		7	10	14	18	8	9	10	11	12	12	13	14	15	16	16	17	14	15	16	17
1.6		7	10	14	18	8	9	10	11	12	12	13	14	15	16	16	14	14	15	16	17
1.8		7	10	14	7	8	9	10	11	12	12	13	14	15	16	14	14	14	15	16	17
2		7	10	14	7	8	9	10	11	12	12	13	14	15	13	14	14	14	15	16	17
2.2		7	10	14	7	8	9	10	11	12	12	13	14	15	13	14	14	14	15	16	17
2.4		7	10	14	7	8	9	10	11	12	12	13	13	13	13	14	14	14	15	16	
2.6		7	10	14	7	8	9	10	11	12	12	13	13	13	13	14	14	14	15		
2.8		7	10	14	7	8	9	10	11	12	12	12	13	13	13	14	14	14			
3		7	10	14	7	8	9	10	11	12	12	12	13	13	13	14	14				

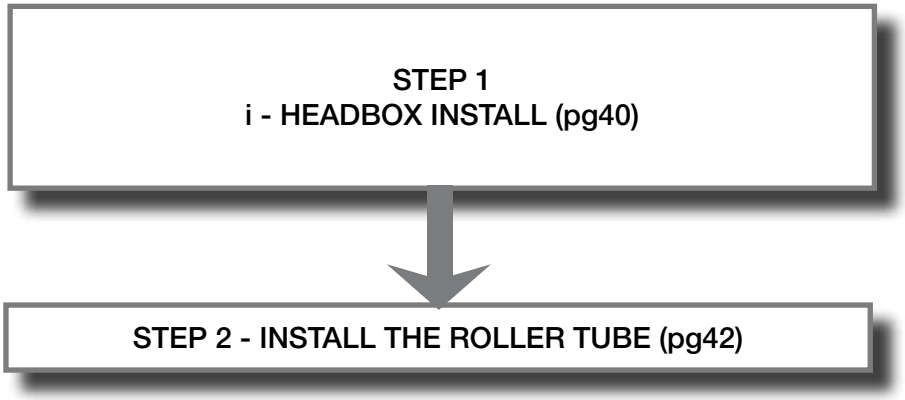
KEY		
	42.065.000	750mm Spring Assembly (Light)
	42.064.000	750mm Spring Assembly
	42.066.000	1200mm Spring Assembly
	42.067.000	1800mm Spring Assembly
	Outside of limitations	

SOLARE TEKNICA LINKED OPTION

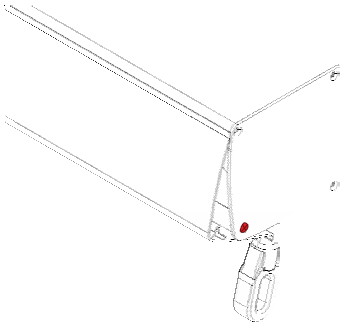
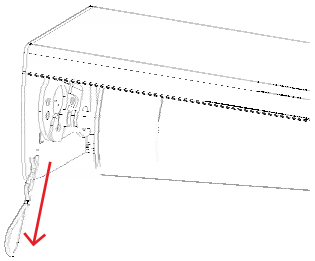


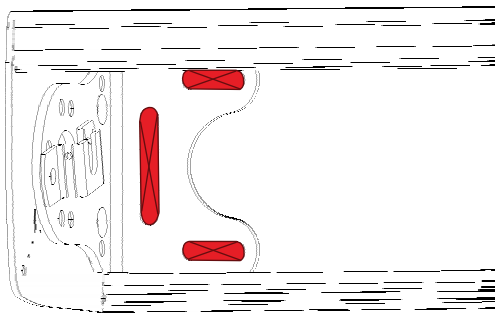
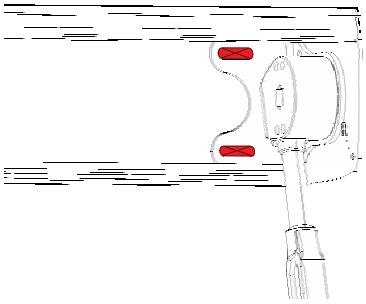
No	Part	Description
1	46.558.000	GRUB SCREW
2	46.556.000 46.557.000	78MM TUBE END SQR CONNECTOR 70MM TUBE END SQR CONNECTOR
3	46.561.000	16MM SHAFT COLLAR
4	46.560.000	BRACKET BUSHING
5	46.559.030	SQR SHAFT LINK CONNECTOR

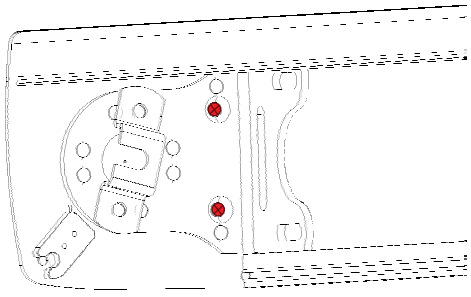
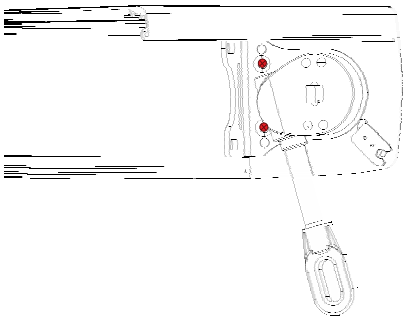
SOLARE TEKNICA LINKED OPTION



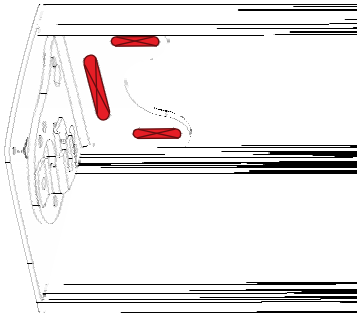
SOLARE TEKNICA LINKED OPTION OPTION HEADBOX INSTALL

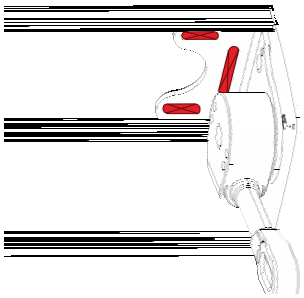
STEP 1 - OPEN THE HEADBOX	STEP 2 - REMOVE ROLLER TUBE
	
Open the headbox front cover by unscrewing the bottom screw on the headbox end cap. Repeat on opposite side. **NOTE:** For reveal fit the screw is no longer required.	Pull out the idle end locking pin and remove the roller tube idle end first.

STEPS 3 - FACE FIT	
	
IDLE END	DRIVE END

STEPS 3 - REVEAL FIT INSTALL	
	
IDLE END	DRIVE END

STEPS 3 - CEILING FIT INSTALL





SEPARATE HEADBOX

Mark and drill the head box back plate where the fixings will go.
NOTE: Always secure the headbox back panel through the installation brackets or spreader plate!

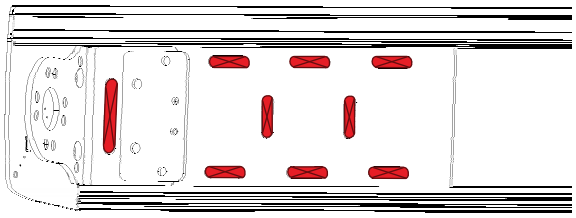
- After determining the exact position of the headbox you can fasten the brackets and headbox on the installation surface.
- Mark the fixing holes for the first bracket.
- Drill holes to suit the method of fixing determined by the substrate being fixed to.
- Secure installation screw-in bracket to hold one side of head box.
- Repeat the process for the opposite bracket and ensure that the head box is straight using a spirit level.
- Repeat the above process for the remaining blinds and ensure the holes in the end plates match up.

NOTE: If required pack out the headbox.

- Once satisfied the headbox is level, secure remaining fixing points.

NOTE: For awnings over 3500mm wide, add an additional fixing point through the centre of the headbox back panel. E.g 3500mm wide secure at 1750mm.

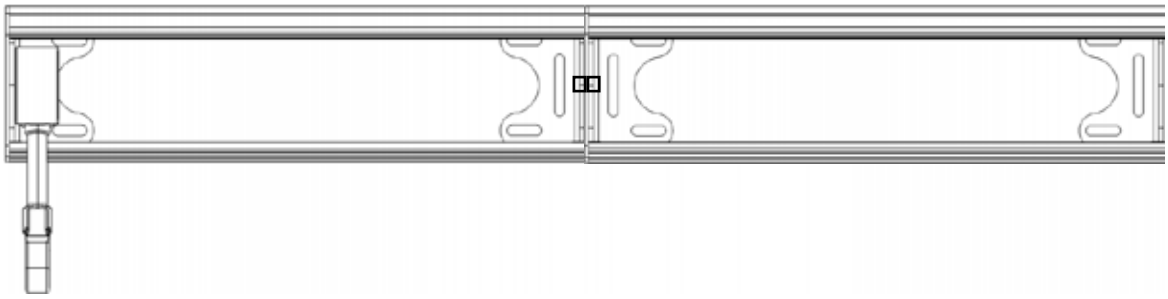
ACCESSORIES



SPREADER PLATE

If there is no substantial fixing point at the ends of the headbox, a Spreader Plate can be added. This allows 250mm of flexibility for installation points at each end of the awning. If a spreader plate is ordered, this will come preassembled to the bracket inside the headbox determined by the installation type specified. Secure through Fixing points highlighted in the image.

ALL IN ONE HEADBOX

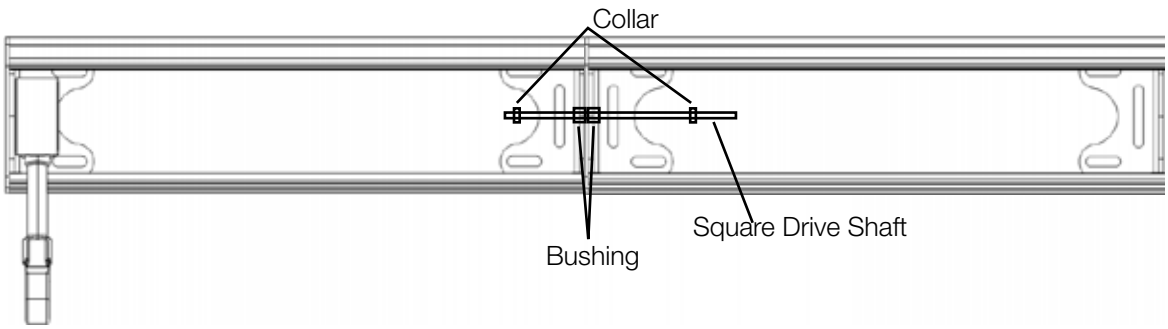


Mark and drill the head box back plate where the fixings will go.
NOTE: Always secure the headbox back panel through the installation brackets or spreader plate!

- After determining the exact position of the headbox you can fasten the brackets and headbox on the installation surface.
- Mark the fixing holes for the first bracket.
- Drill holes to suit the method of fixing determined by the substrate being fixed to.
- Secure installation screw-in bracket to hold one side of head box.
- Secure the idle end and subsequent brackets, ensuring the outside of bracket to outside of bracket measurements are as measured. Ensure you have inserted the 2 bushings into the centre holes of the brackets from the outside in before securing any subsequent brackets.

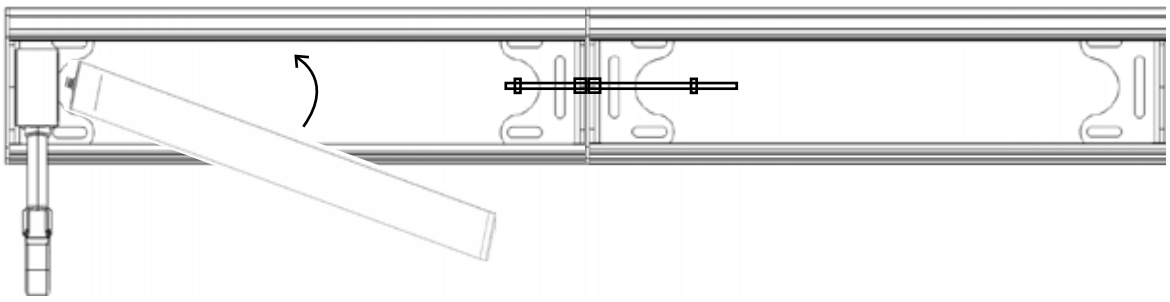
INSTALLING THE ROLLER TUBE

A



Insert the square drive shaft through the bushings. Insert a collar on either side of the square drive shaft.

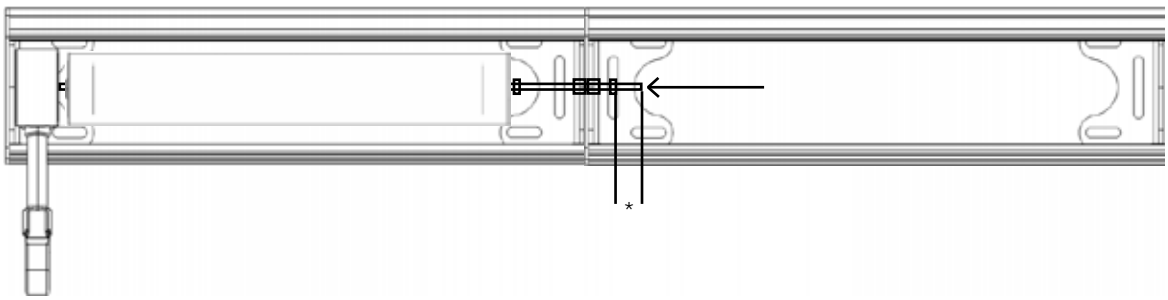
B



Insert the drive end of the first blind into the crank gear. Raise and position the idle end of this blind in line with the square drive shaft.

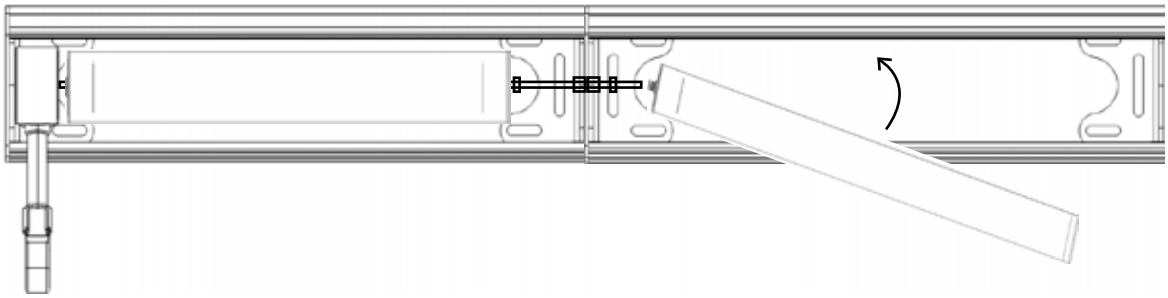
INSTALLING THE ROLLER TUBE - CONTINUED

C



Insert the square drive shaft into the idle end of the drive blind so only 40mm (*) is protruding into the drive end of the second blind. Use an Allen key to secure the collar against the idle end of the drive blind.

D



Repeat step B above ensuring the bottom rails are as close to level as possible. For final blind insert idle pin into the standard tube idle end and position into idle end bracket. Use an Allen key to secure the collar against the drive end of the idle blind

Un-wind the fabric on all blinds and use an Allen key through the 6mm drilled hole in the roller tube to lock the grub screw on the square shaft in location. This will ensure the bottom rails roll up evenly.

Install all other components as per the normal installation process for that style of ALPHA awning.

OPERATING INSTRUCTIONS

Manual Operation of the awnings with Crank

To extend the awning:

- Insert end of crank handle into the drive gear winding mechanism.
- Rotate crank clockwise until awning is fully extended. (Do not keep winding once resistance is felt). It is then recommended that you turn the crank anti clockwise slightly to reduce tension.

To retract the awning:

- Insert end of crank handle into gear winding mechanism.
- Rotate anti-clockwise until awning is fully retracted. (Do not keep winding once resistance is felt.)

Warning!
Watch the screen fabric carefully when retracting the awning to ensure there are no obstructions or creasing of the fabric. Should any resistance be felt or visible signs of the fabric not rolling up straight, stop immediately and turn crank in opposite direction until fabric is clear and runs smoothly, then start retracting again slowly.

To extend the awning:

- Press the appropriate button on the remote control.
- The awning will extend until it reaches the preset fully extended position.
- The motor will stop automatically.

To retract the awning:

- Press the appropriate button on the remote control.
- The awning will retract until it reaches the preset fully retracted position.
- The motor will stop automatically.

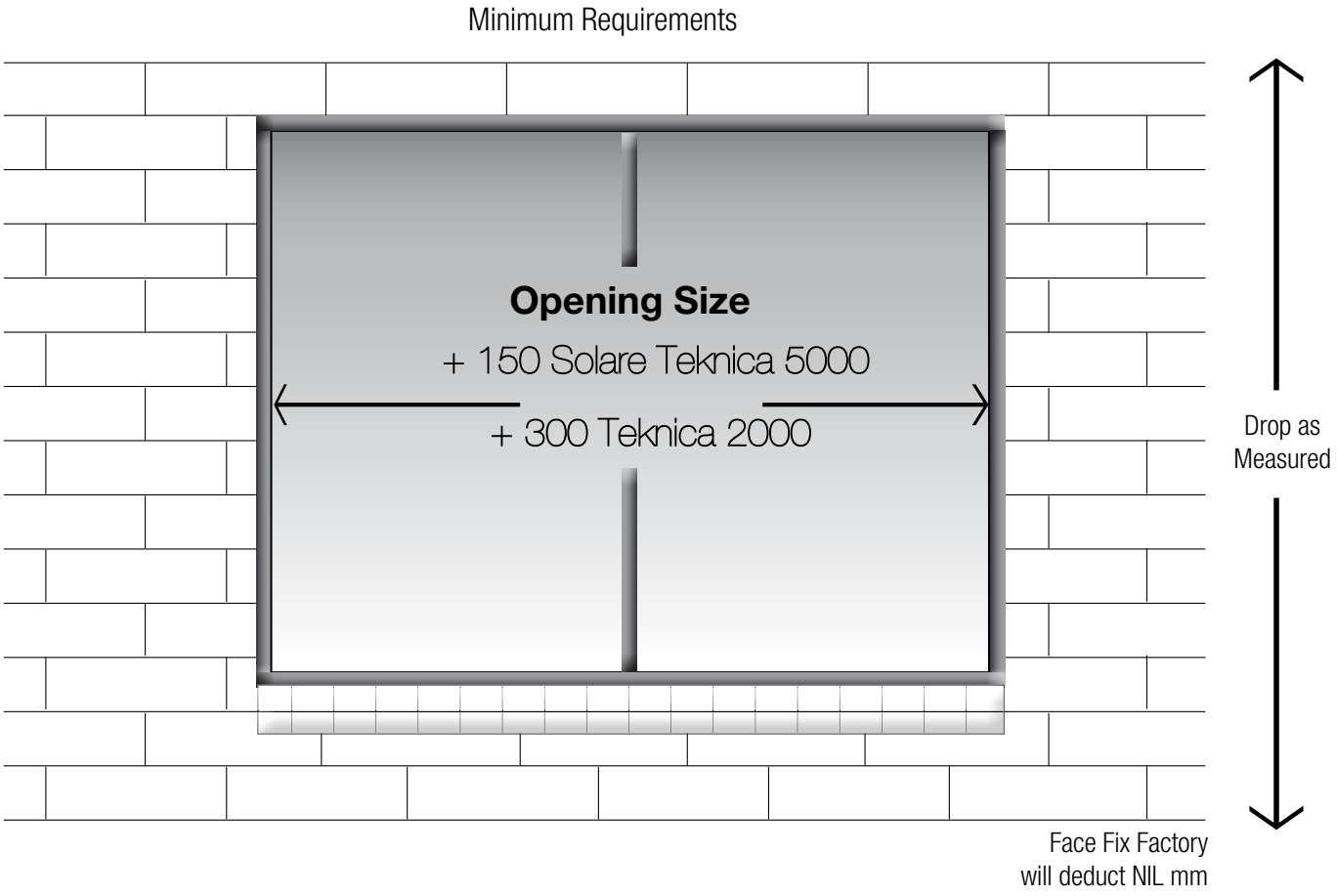
Warning!
For automatic operating awnings or accessories, please ensure these are switched off during periods of absence (e.g. holidays) or when the awning will be left unattended.

Sun and/or winds Remote Options

- If the awning is equipped with sun and wind or wind only sensors, the awning will automatically extend or retract according to how the criteria has been set by the installation technician.
- The automatic retraction options are not fail safe and should not be relied upon to react quickly, especially with sporadic strong wind gusts.
- Never leave the awning unattended as manual intervention may be required.

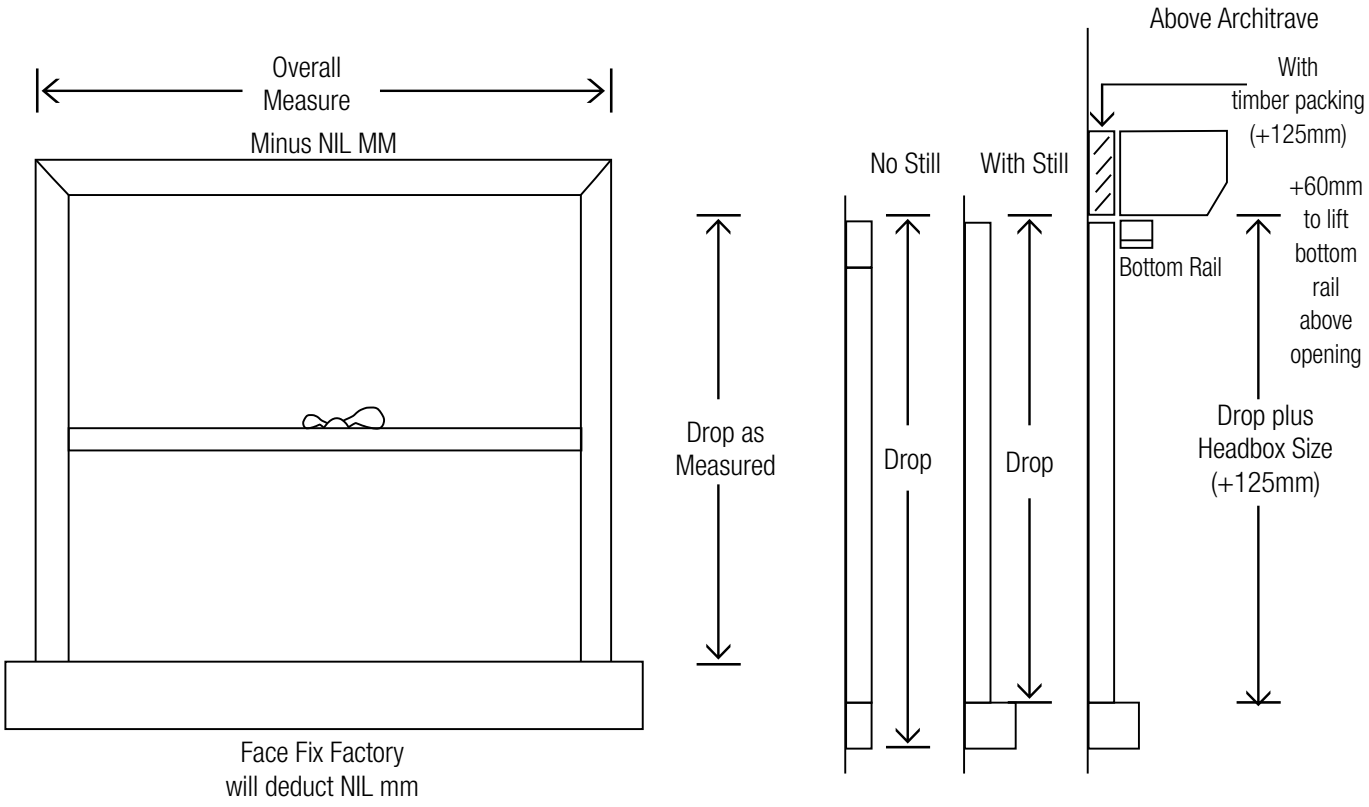
Warning!
Alterations to the preset limits for extension and retraction of the awning must be made by qualified personnel only. Do not attempt this yourself.

FULL BRICK ON FACE/ BRICK VENEER

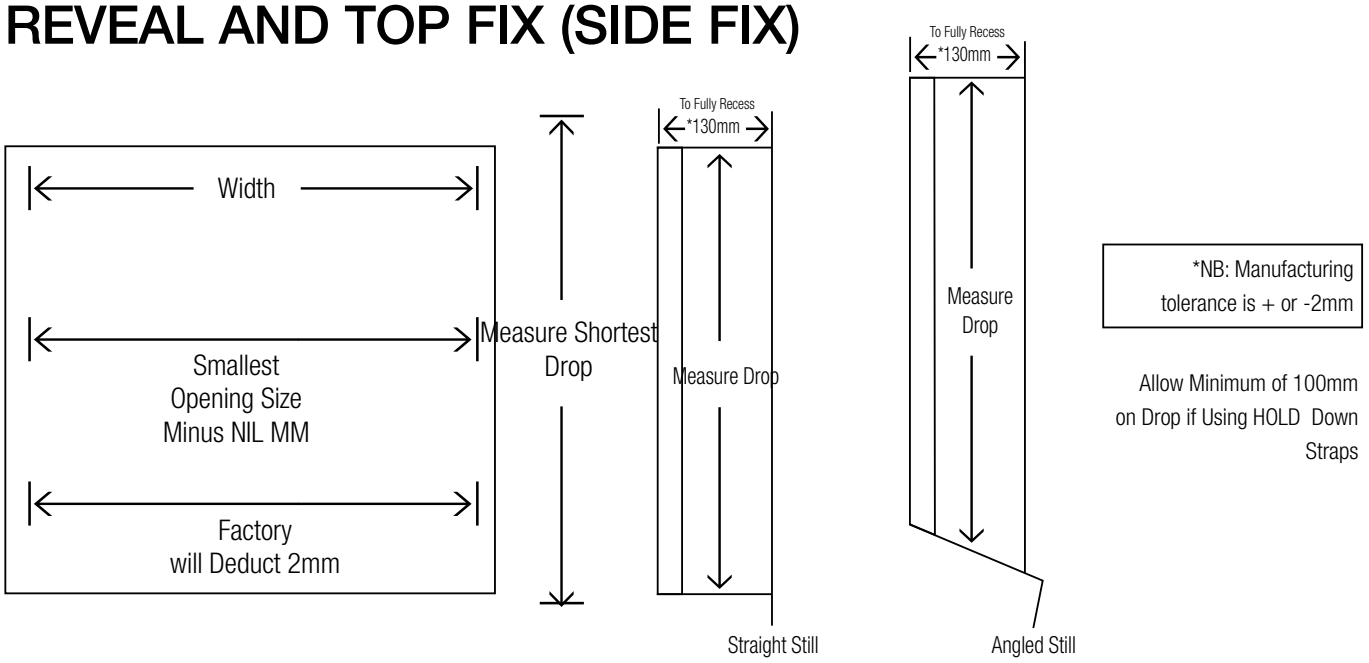


Solare Teknica 5000 Dimensions 73 x 37.5mm

ON FACE ARCHITRAVE



REVEAL AND TOP FIX (SIDE FIX)



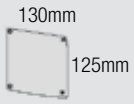
*NB: Manufacturing tolerance is + or -2mm

Allow Minimum of 100mm on Drop if Using HOLD Down Straps

Headbox Dimensions are

Projection= 130mm

Drop = 125mm

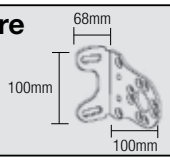


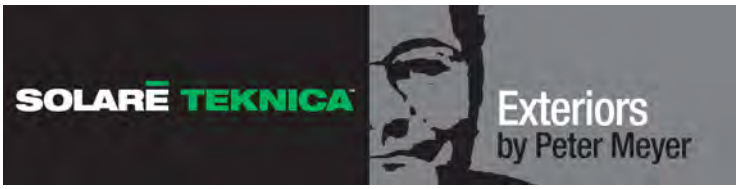
Bracket Dimensions are

Drop = 100mm

Projection= 100mm

Width= 68mm





Contact us today for expert advice!
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sales@petermeyerblinds.com.au