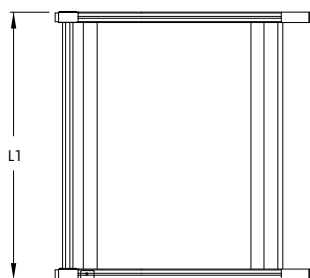
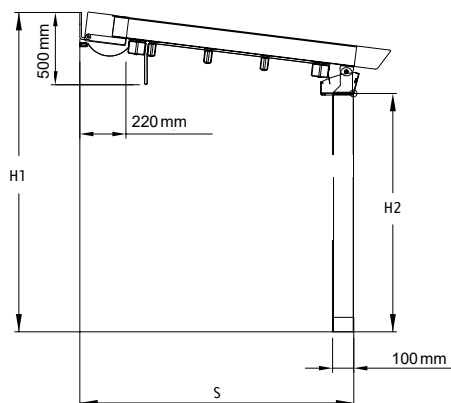


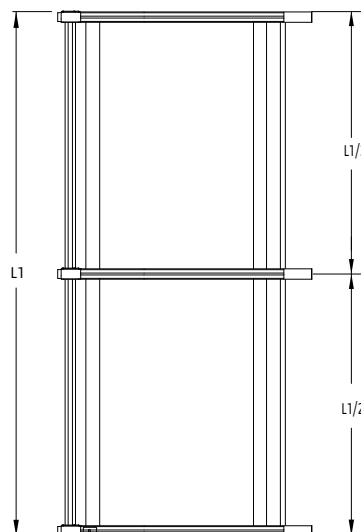
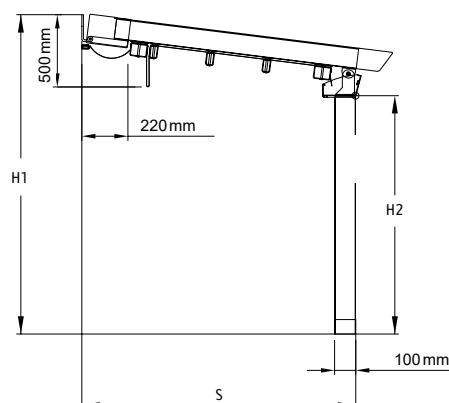
LUKA S

MEASUREMENT

PERGOLA LUKA S (SINGLE)



PERGOLA LUKA S/D (DOUBLE)

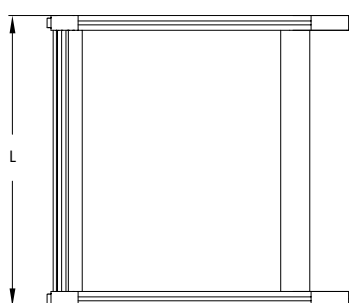
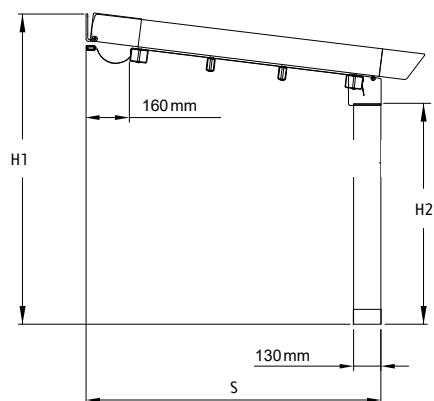


H1 back height
 H2 frontal height
 S projection
 P inclination
 L width

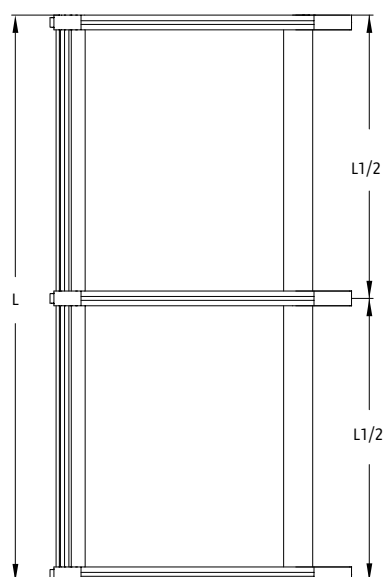
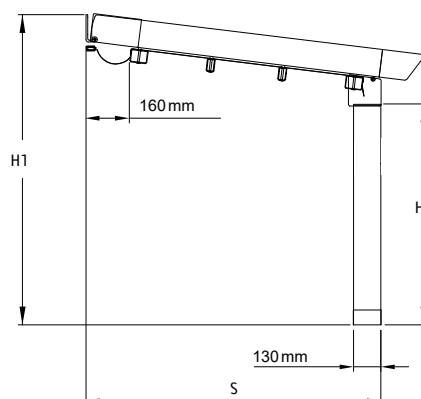
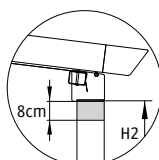
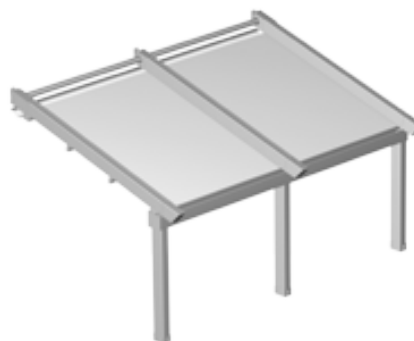
LUKA M

MEASUREMENT

PERGOLA LUKA S (SINGLE)



PERGOLA LUKA S/D (DOUBLE)



H1 back height
 H2 frontal height
 S projection
 P inclination
 L width

LUKA S, LUKA M

ASSEMBLY

1) INSTALLATION OF THE PERGOLA LUKA STRUCTURE.

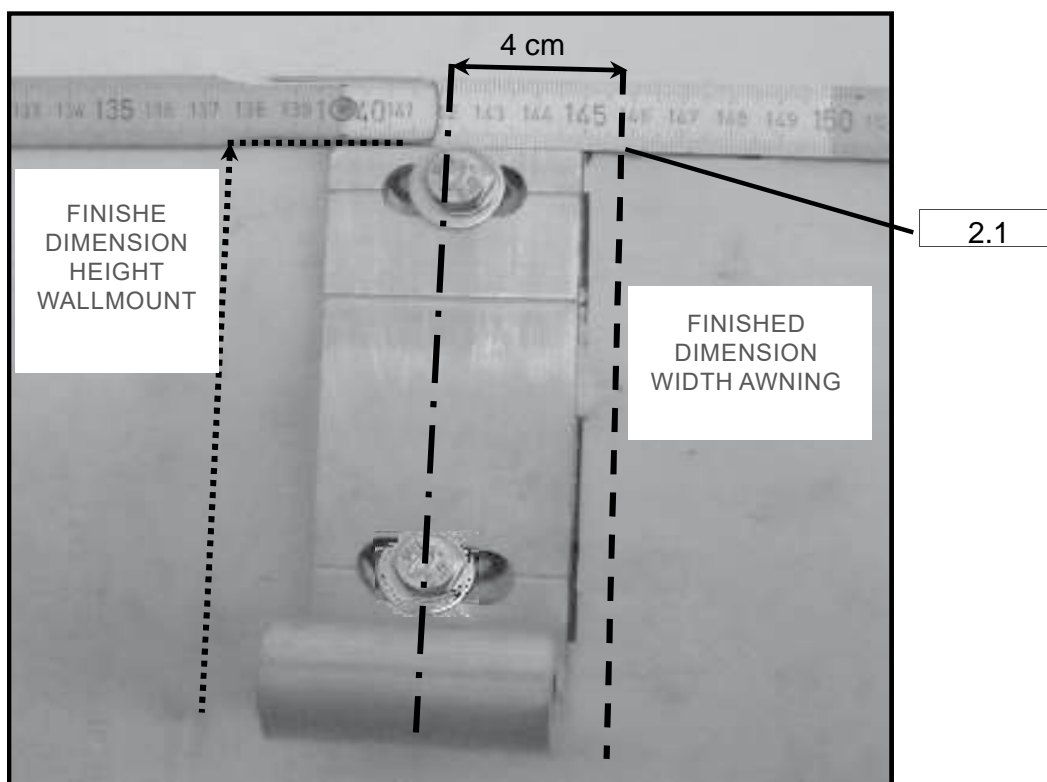
Mark on the wall (or ceiling) the position where the awning counter-plate is to be fixed by controlling the sizes reported on the customer technical sheet.

During this operation pay particular attention to the alignment. Drill the holes and, by anchors screws or other locking systems, lock the counter-plates of the cloth in the desired position.

N.B. The most suitable anchor screw type or any adhesive anchoring to be used must be evaluated on the spot, on the basis of the masonry type. There must be taken into account several aspects such as: state of preservation, consistency, compactness, surface aspect. For further information follow the technical information provided by the fastening systems manufacturers.

2) INSERTING THE WALL-MOUNTING PLATES.

Place on the wall the side plates (and the central plate, for double-module versions), controlling the size given in the customers technical sheet (2.1).



3) FITTING THE WATER-DRAIN AND THE POLES.

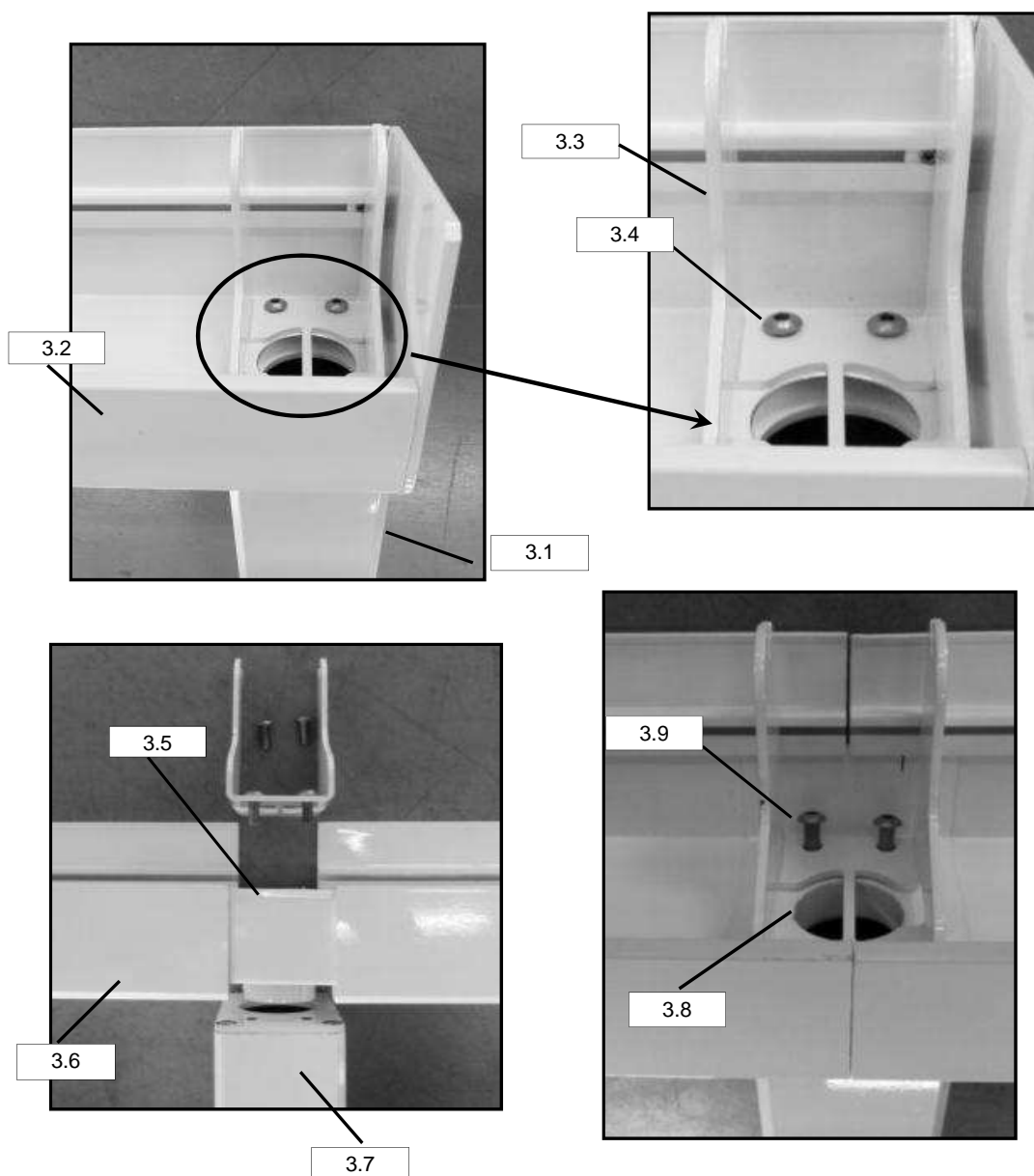
Fit the water-drain (3.2) to the poles (3.1) and place on the same the upper articulation fork (3.3).

Tighten everything using 4 T.B.E.I. M8x25 (3.4) short hex head screws.

In case of a structure having over 5m width, insert the inner joint (3.5) between the two water-drain half-parts (3.6), by matching the drain sleeve to the intermediate poles (3.7).

Finally, secure on the two water-drains fitted together the tension fork (3.8), using 4 T.B.E.I. M8x25 (3.9) short hex head screws.

N. B: It is recommended to perform these operations with the elements lying on the ground, and protected



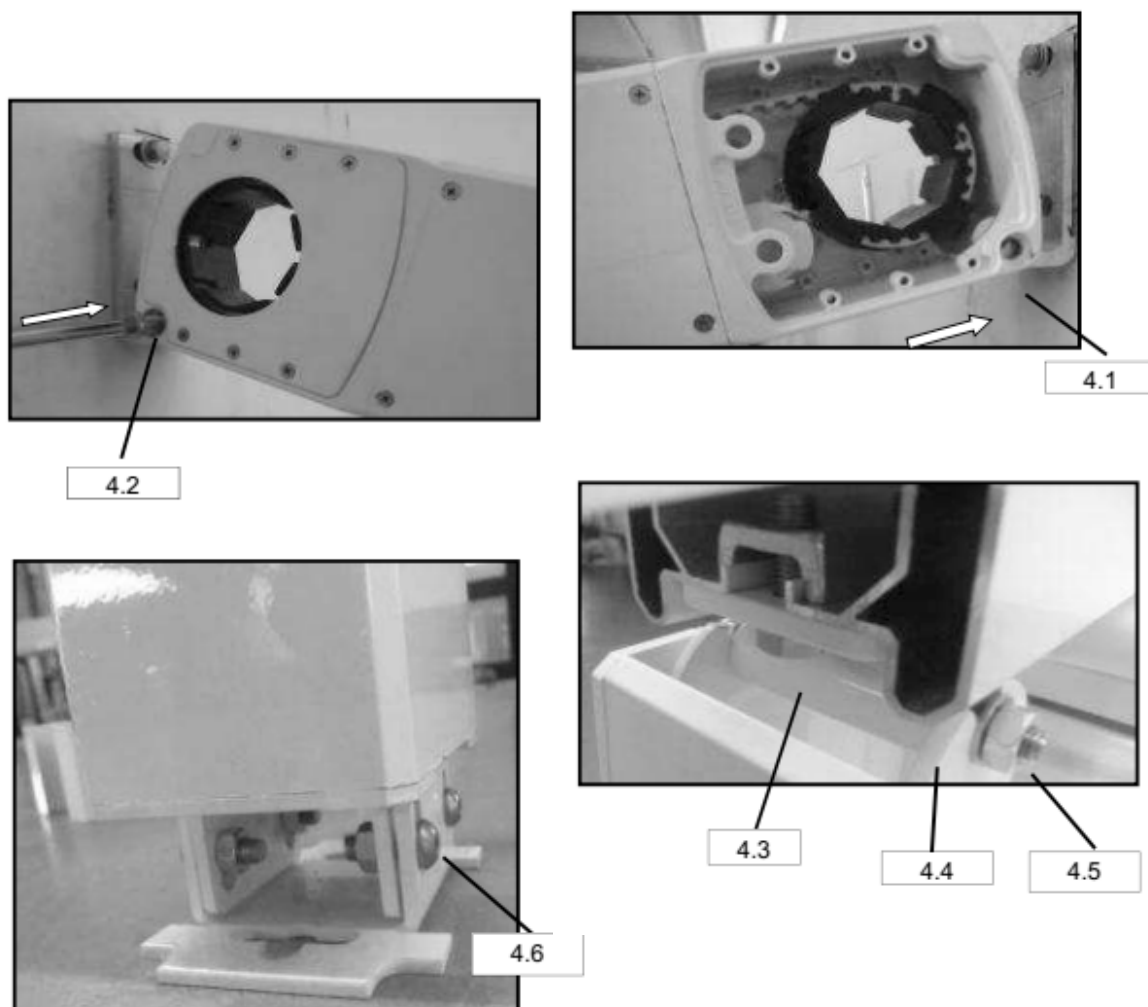
4) FIXING THE RAILS ON RAILS PLATE.

Fit the wall-mount of the rails into the wall-mount plates seat (4.1), using short hex head Stainless Steel screws 10x30 (Allen wrench of „7“) (4.2).

Afterwards place the articulated joint top of the both of rails (4.3) to the upper articulation fork (4.4) by tightening the hex head M8x80 (4.5) screws.

Adjust the height of the feet by means of the screws (4.6); for a correct alignment of the water-drain rails, position the structure perpendicularly, and then fix the poles on the ground by means of M10 anchor screws with brass anchor bolt.

N.B: It is recommended to first secure the structure to the ground, install the cloth and check the correct operation.



5) INSERTION OF OCTAGONAL TUBE

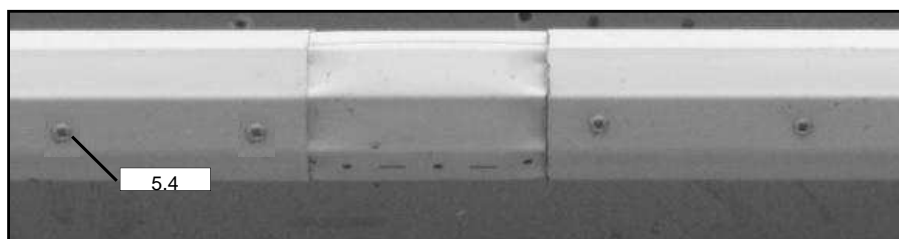
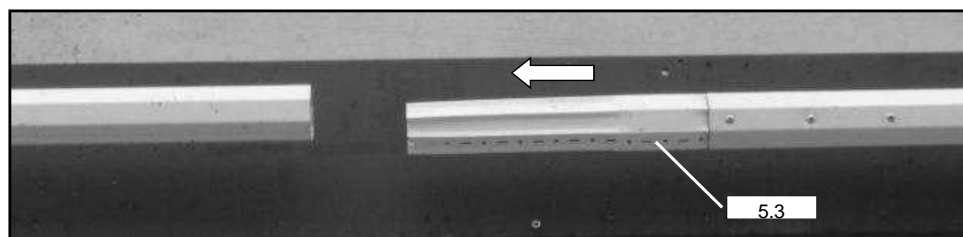
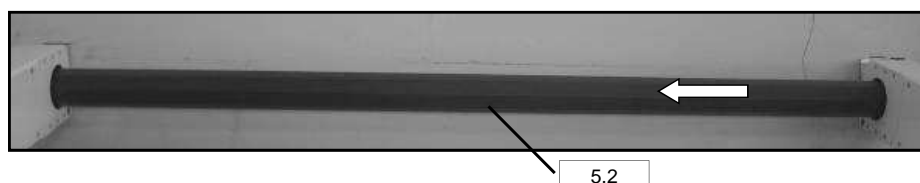
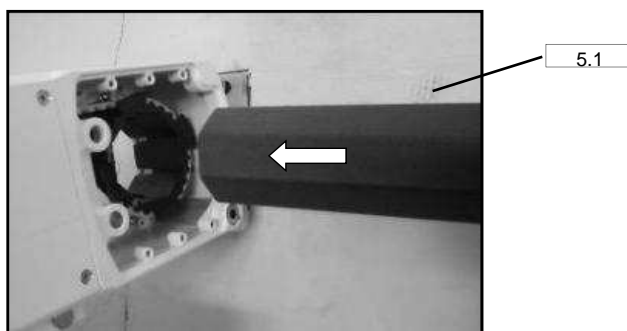
Insert the octagonal tube (5.1) into pulley and place it between both carrier profiles (5.2)

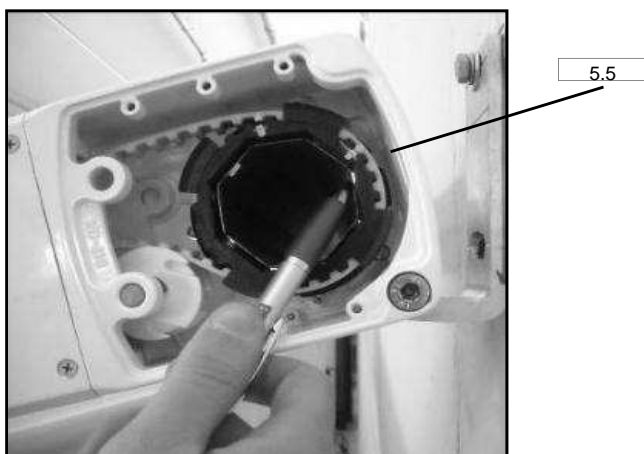
At this phase insert the tube into pulleys without unhooking them; pay attention to keep them aligned (see reference mark).

In case the construction width exceeds 5m insert connection part (5.3) between both octagonal tubes; insert end motor bearings into side brackets in order to determine correct size (see section 6); tighten everything with 6 self-cutting screws 3,9×13 T.B.I.C. (5.4).

If the pulleys are not aligned, move them carefully into default position and set up the belts with help of highlighted markings (5.5).

Note: we suggest to fix the construction first to the ground, then install the fabric and then check functionality.





6) INSERTING THE MOTOR IN THE OCTAGONAL ROLLER.

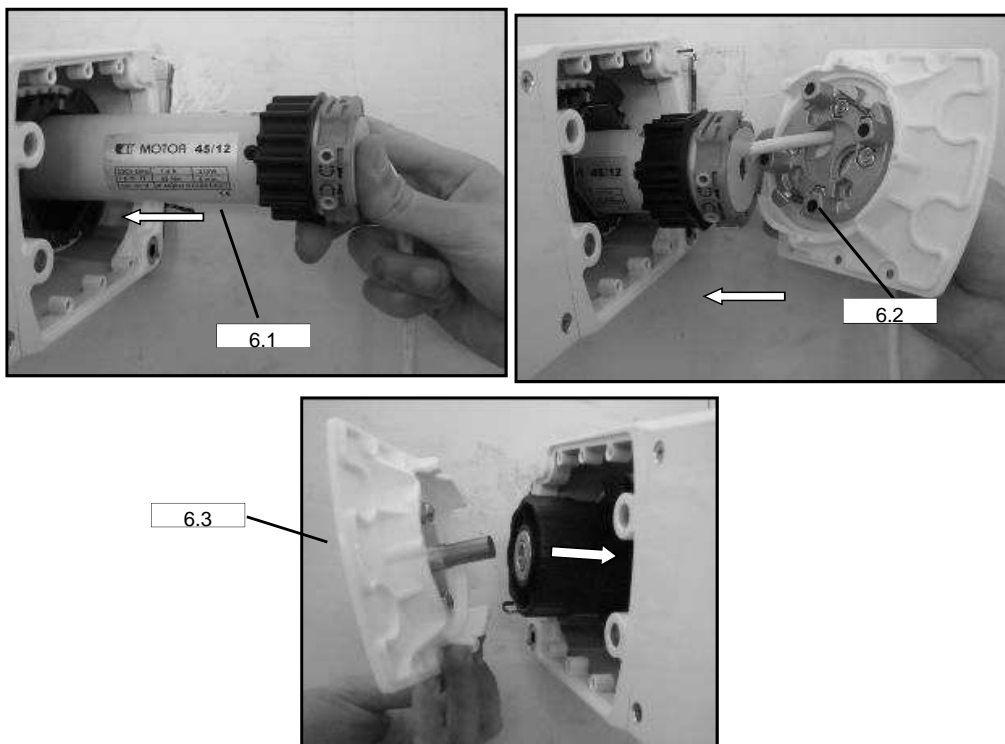
Insert the motor into the octagonal roller (6.1), and lock its head in position by means of the motor coupling flange (6.2).

Pay attention to the cable outlet. Insert from motor opposite side the cap with pin (6.3), to fit in the rail cap.

For double-module structures, fit two motors.

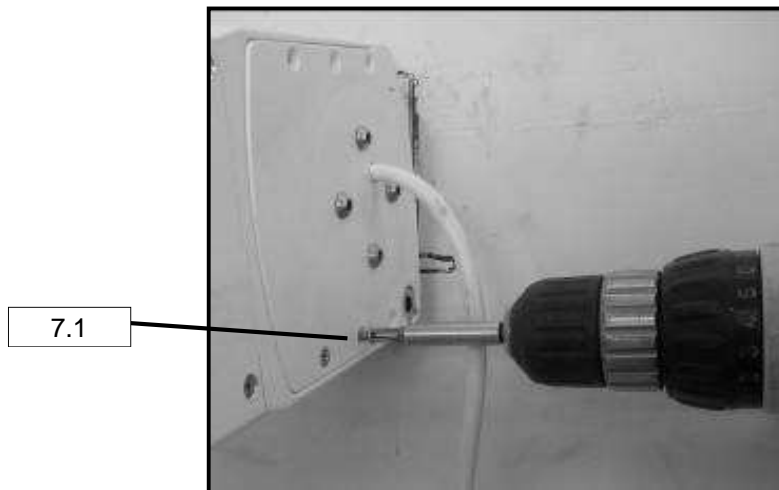
Always secure the motors to the roller with self-drilling screws, to secure the transmission gear to the roller.

Pay attention not to drill the motor casing.

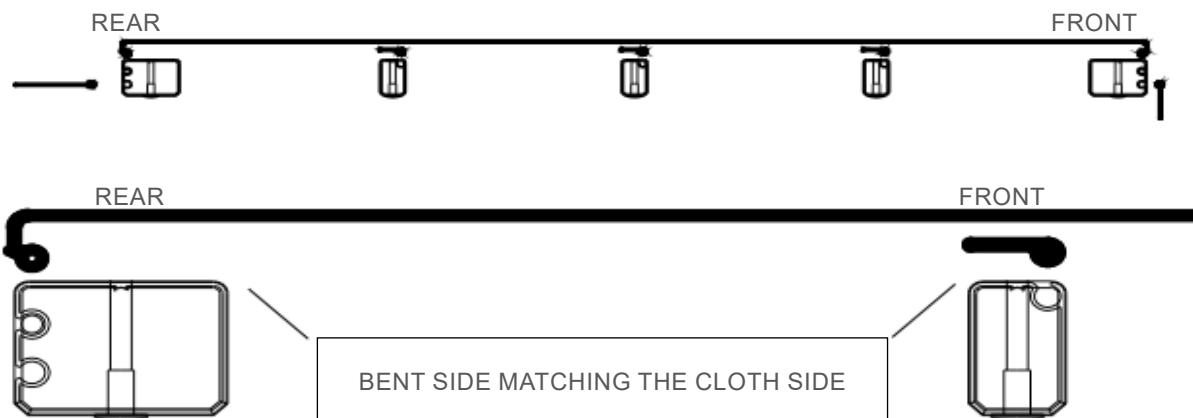


7) CLOSING THE SIDE RAILS CAPS.

Screw the two outer covers on the drive and pin sides (7.1), each with 6 tri-lob T.S.I.C M4x12 SS screws. If you must move the cloth carriages, make sure the belts are properly and evenly tensioned. (see section 13).



8) SHEET MOUNTING



9) INSTALLING THE DRIVE CARRIAGE.

Insert the cloth (9.1) by sliding the first oval slat of the end profile (9.2).

If joints are present, engage the profiles using them (9.3)

Insert into the anchors screws the 6x50 T.S.I.C. screws and operate the latter to lock the cloth so as to pre-tension it (9.4).

Once the cloth is positioned, tension it and stretch it out properly.

Drill a hole in the cloth using a tip having 2mm diam. (9.5).

Insert the end with the assembled cloth in the M8 screw (9.6) already pre-installed on the drive carriage.

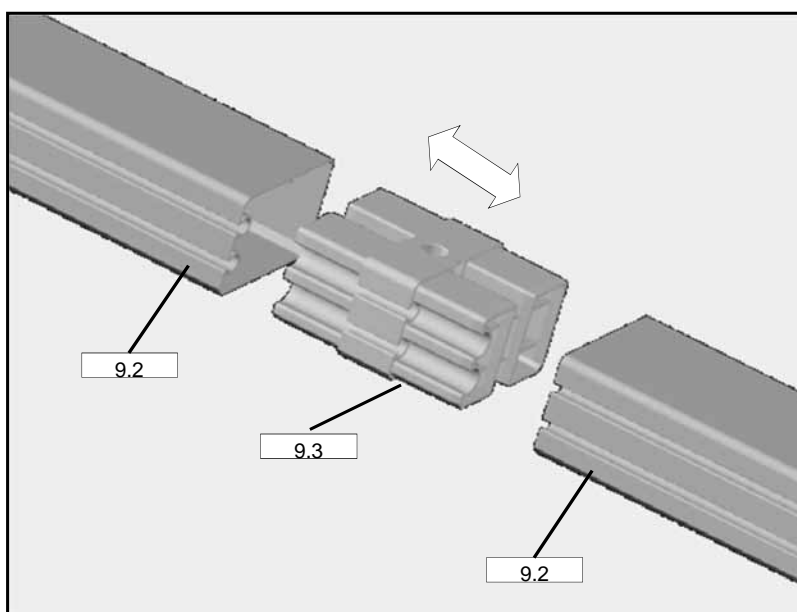
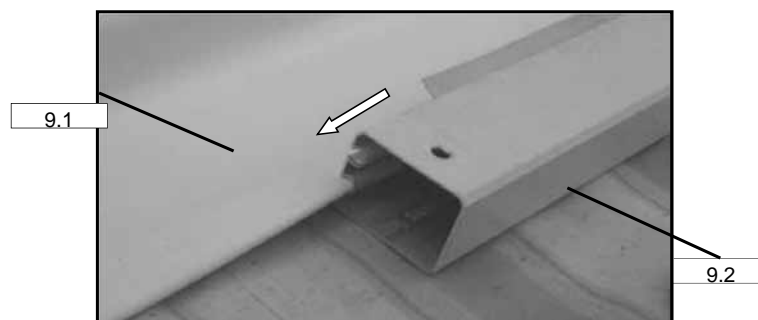
Engage all with the M8 brass bushes (9.7) without tightening.

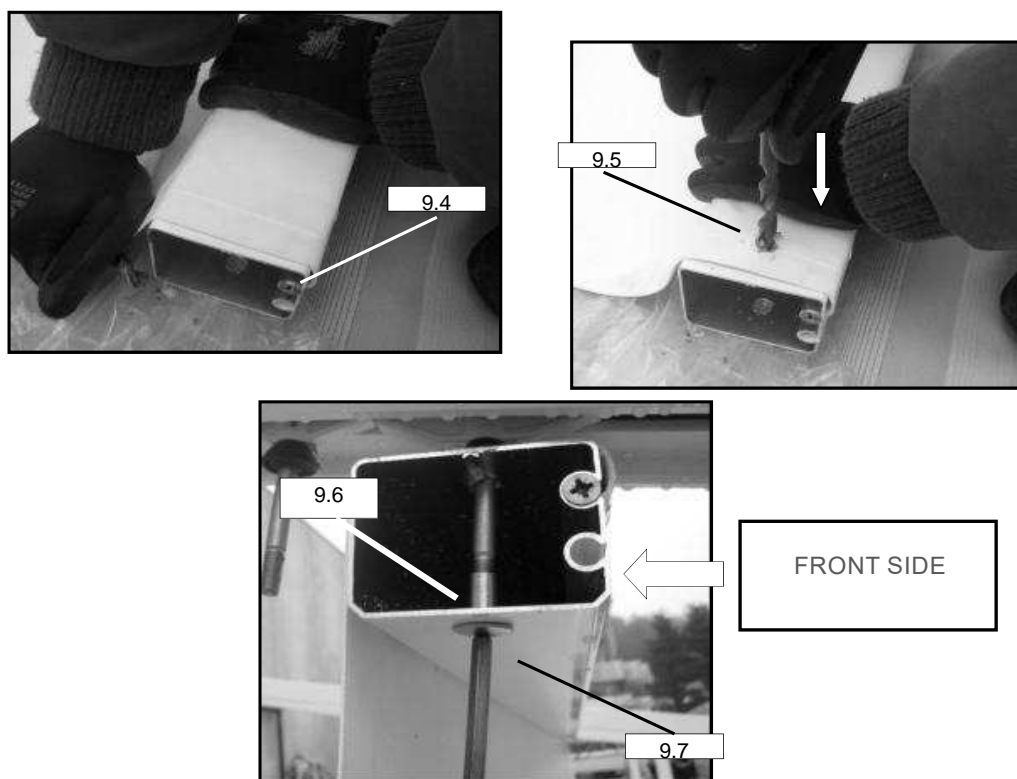
Perform the operation on all rails.



WARNING!

FOR SINGLE-MODULE STRUCTURES, THE CLOTH WILL BE DELIVERED ALREADY FIXED TO THE OVAL SLATS.





10) INSTALLATION OF THE OVAL SLATS.

Slide the oval slats profiles (10.1) on the ivory grommet (10.2) heat-sealed on the cloth.

In doing so, keep the oval slat upward (as indicated in the previous layout).

Join, if necessary, the profiles by means of the central oval slat cap (10.3).

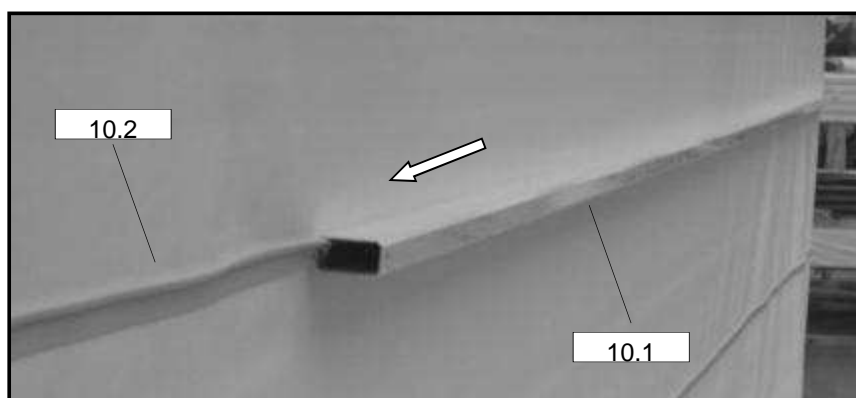
Insert in the grommet the screws T.S.I.C. (10.4) and operate them to lock the awning so as to pretension it.

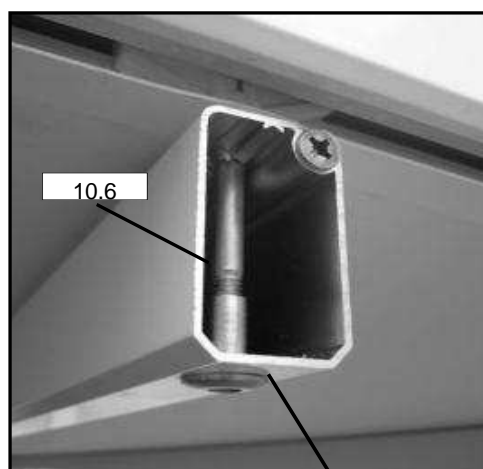
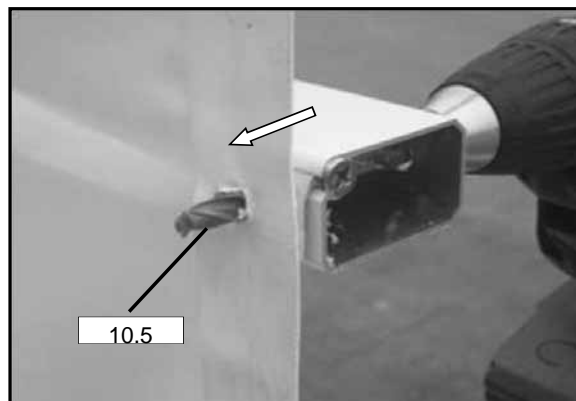
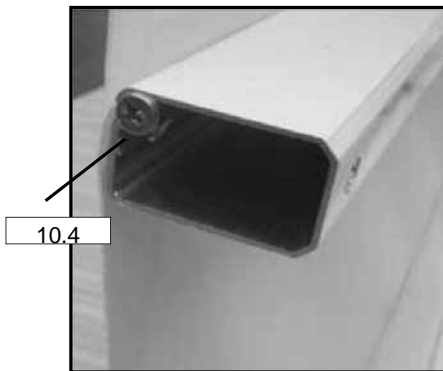
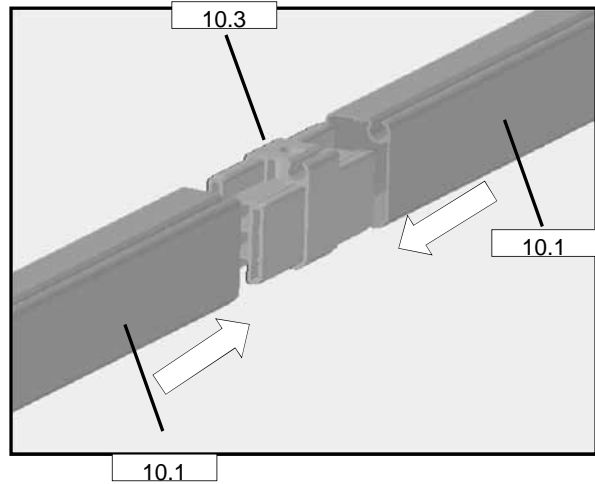
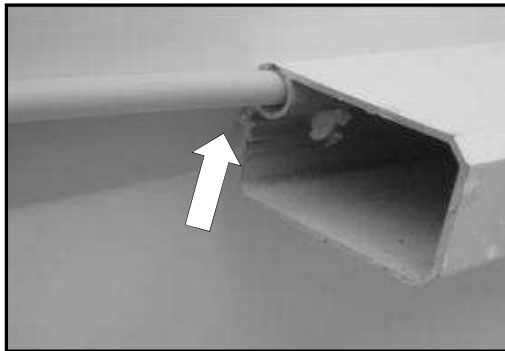
Drill a hole in the cloth using a tip having 12mm diam. (10.5).

Insert the oval profile with the cloth assembled in the M8 bevelled screws (10.6) already pre-fitted on the carriage.

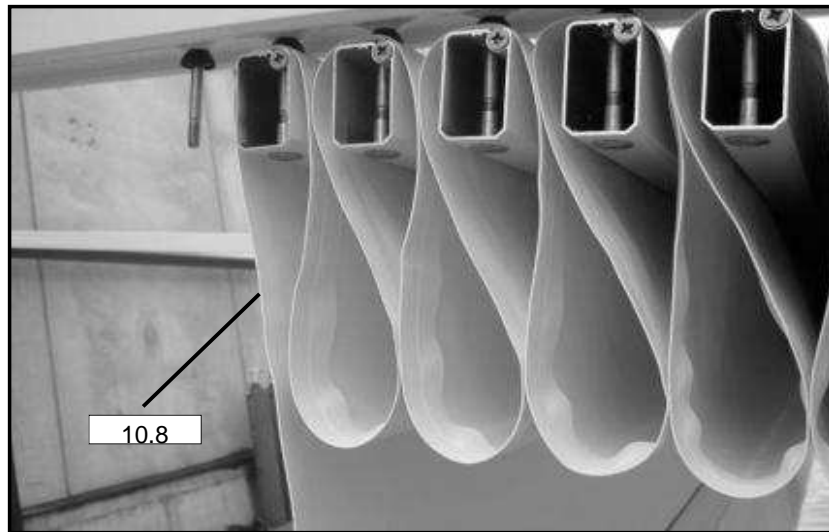
Engage all with the M8 brass bushes (10.7) without tightening.

Repeat the same operations for all oval slats to install on the structure (10.8).



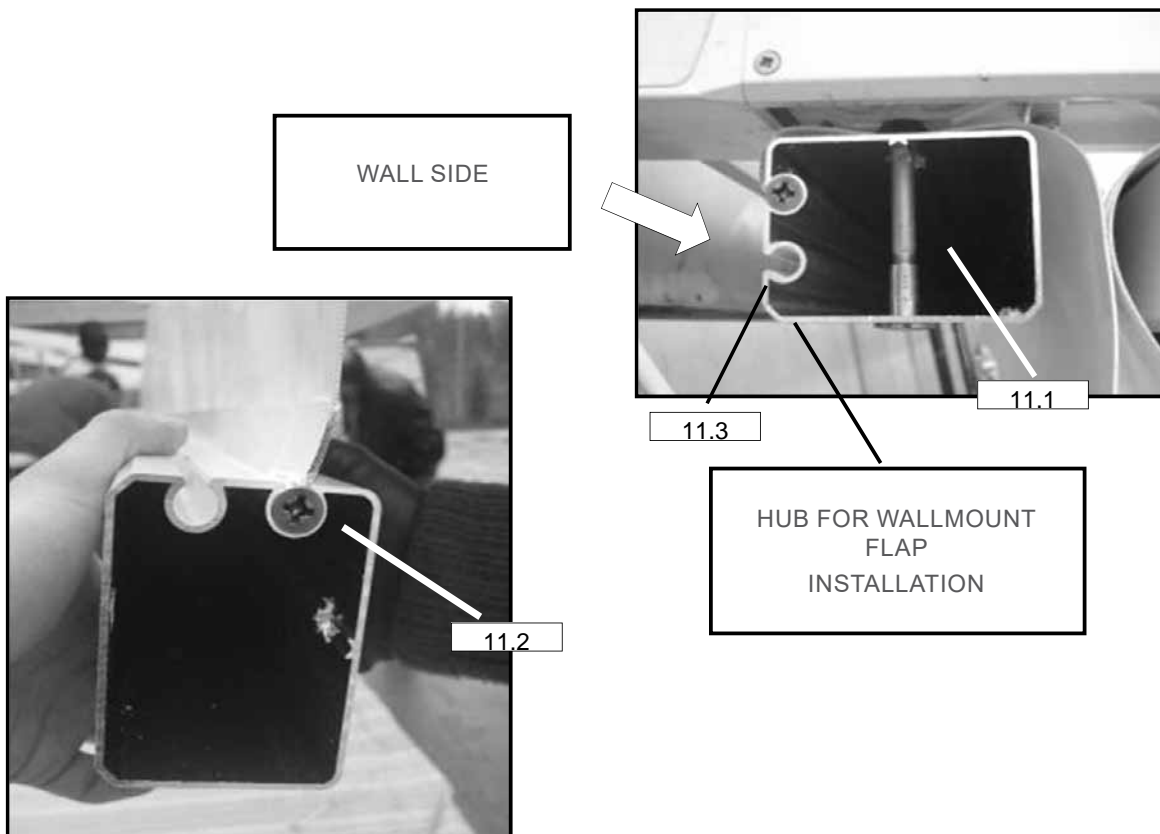


10.7



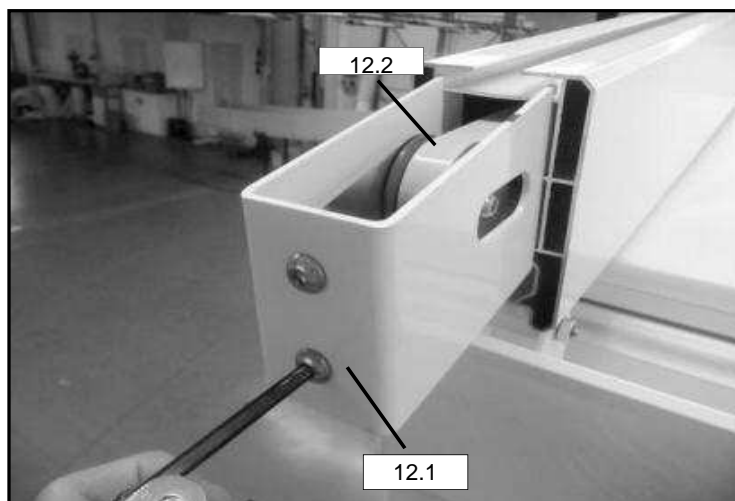
11) INSTALLING THE FIXED CARRIAGE.

To install the fixed carriage (11.1), repeat the operations performed for the drive carriage.
 The cloth has to be installed in the top oval slat (11.2) (according to the previous layout).
 Then install the wall-mount flap (11.3) in the bottom oval slat.



12) TENSIONING THE FORK.

If necessary, act simultaneously on the 2 T.B.E.I. M8x40 SS (12.1) screws of the tension fork so as to obtain the proper tensioning of the transmission belt (12.2)



WARNING!
DO NOT OVERTIGHTEN THE BELT.

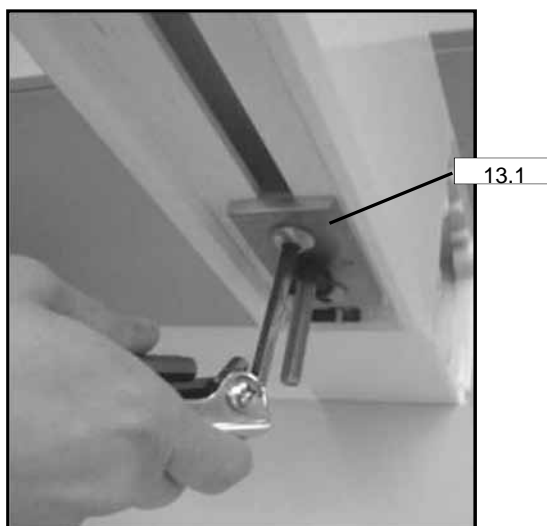
13) ADJUSTING THE CLOTH AND MOTOR LIMIT SWITCH.

IF NECESSARY, ADJUST THE POSITION OF THE CLOTH, BY LOOSENING EACH FIX TROLLEY, BY MEANS OF THE T.B.E.I M10X16 SS SCREWS (13.1).

THEN POSITION THE FIXED CARRIAGES AT OPTIMAL HEIGHT TO ENSURE ADEQUATE STRETCHING OF THE CLOTH.

ADJUST THE MOTOR LIMIT SWITCH SO AS TO PREVENT OVERTENSIONING THE CLOTH.

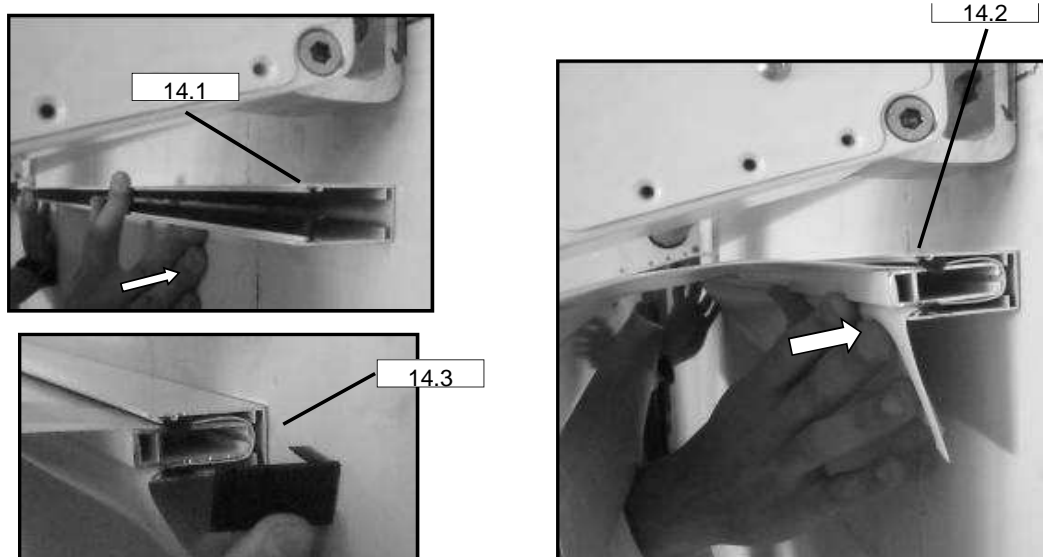
N.B: MAKE SURE THE DRIVE CARRIAGES AND THE FIXED CARRIAGES ARE PERFECTLY ALIGNED.



14) INSTALLING THE WALL-MOUNT FLAP.

Install on the point envisaged the C-shaped profile using screws and anchors (14.1), then wrap the cloth placed on the fixed carriage around the counter-profile (14.2); now assemble the wall-mount flap with the wall C-shaped profile to the wall using self-drilling screws. The cloth will be stretched. Cut the excess cloth if necessary.

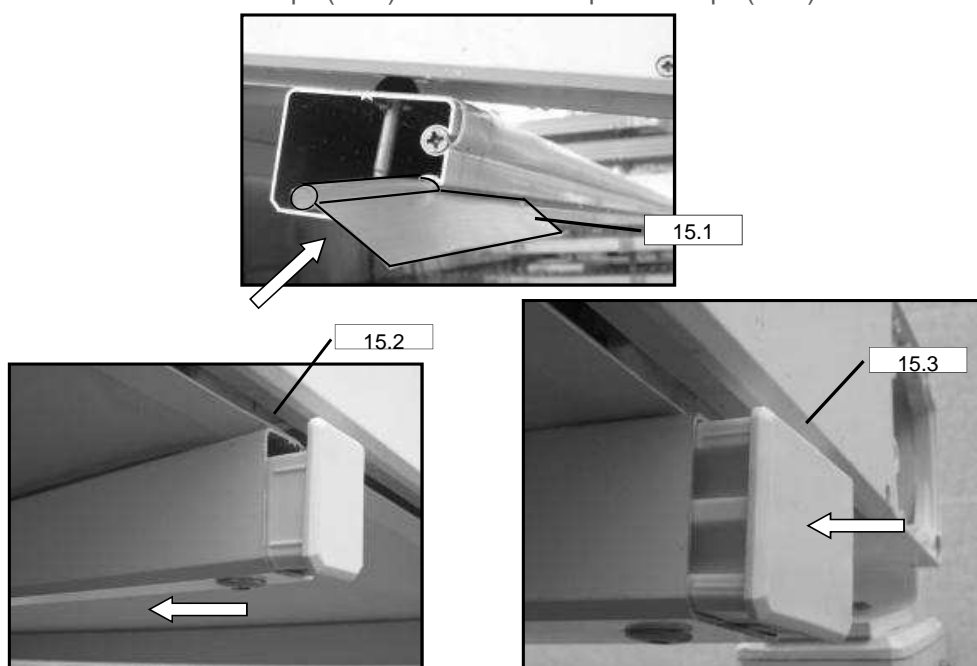
Now close the wall-mount flap using two cover caps (14.3).



15) INSERTING THE PELMET AND CLOSING THE OVAL SLAT.

Insert the pelmet in the drive carriage in correct position according to the picture (15.1), and tension it suitably with the appropriate screws.

Apply pressure on the the oval slats caps (15.2) and on the end profiles caps (15.3).

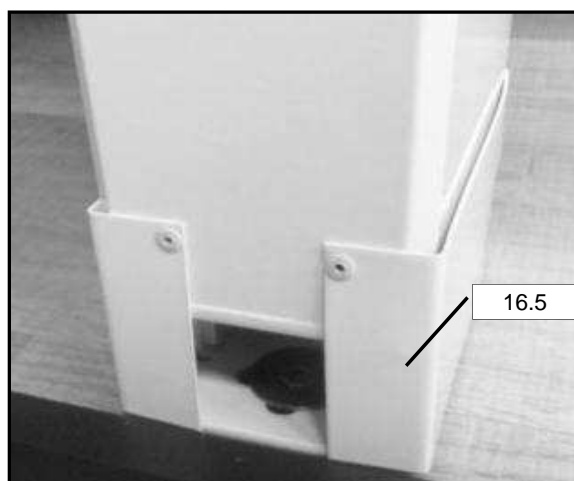
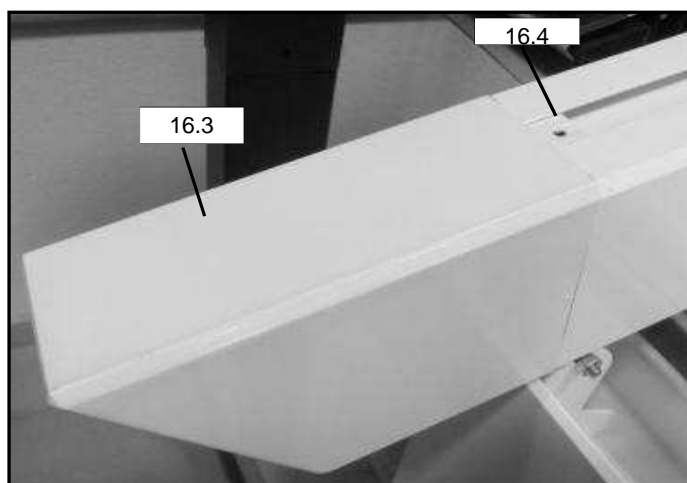
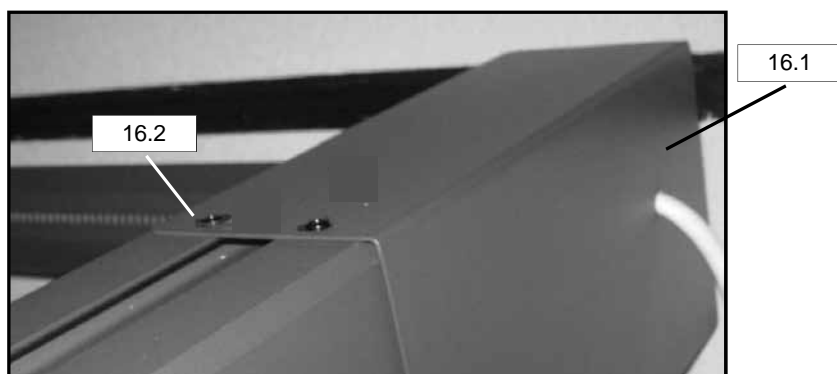


16) ASSEMBLING THE GUARD.

Fix the upper guards (16.1) so as to cover the wall mount and, eventually, secure with the 3.5mm rivets (16.2). Eventually, apply the front head-end (16.3), by tightening the grub screw (16.4).

Make sure the upper covers are fitted on the side rails only.

Fit the foot cap (16.5) and secure it with 3.5mm rivets, by keeping the open part of the cap toward the outside to allow the draining of rainwater.



**ATTENTION**

PLEASE NOTE THAT ANY AND ALL COMPLAINTS REGARDING THE COMPONENTS MUST BE FILED IMMEDIATELY AFTER UNPACKING, AND NOT AFTER INSTALLATION.