



INSTALLATION

ASSEMBLY INSTRUCTIONS

These assembly instructions have been designed to enable the proper installation of the ARIS decorative profile, therefore ensuring that you can enjoy your product with complete durability and good performance guarantees.

Read the instructions completely before starting the installation.

1. SUBSTRATE / SUPPORT CONDITIONS

The ARIS profile can be installed as a wall panelling system on battens or directly on walls (only indoors) that are free from moisture and perfectly flat, as well as capable of withstanding the use of mechanical fasteners and/or adhesives.



The installation substrate condition is vital for good product performance, as well as for the safety of the assembly. Tarimatec is not responsible for the installation stability in case fastening screws come off the batten as the installer is responsible for this.

2. INDOOR INSTALLATION - ASSEMBLY ITEMS

The following assembly items are required for installation of the Aris profile:



Aris profile (in accordance with measurement)



WPC inner batten
45x15 mm



WPC batten screw
7505B 4x16 mm



Corner piece 25 x 2 mm

All these assembly items are supplied by Tarimatec®



The 45x15 mm batten is only suitable for indoor installations. For outdoor installations, use the Tarimatec® Deck 50x30 mm batten. Refer to the ARIS profile outdoor installation instructions.

3. INDOOR INSTALLATION

3.1. Batten Installation

The Aris profile can be installed indoors, directly on the wall under the conditions mentioned above and also on battens. Regardless of whether the profile is installed with or without battens, the installation substrate must be stable to allow and guarantee the fastening of screws. The surface must be levelled since battens are placed directly on it.

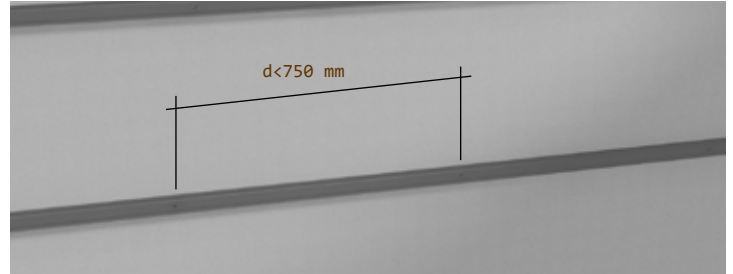


The screw for fixing the battens to the substrate must be chosen by the project management team according to the substrate type.

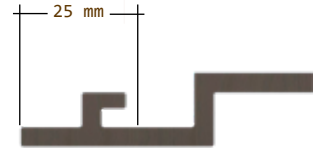
Battens must be placed at a maximum distance of **500 mm** away from each other, from axis to axis. As shown in the image above, small gaps must be left to allow for ventilation.



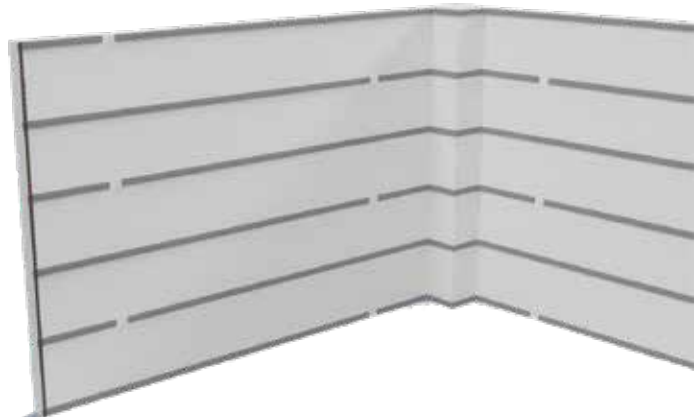
Battens should be fixed to the substrate by means of appropriate mechanical fasteners. The spacing between these mechanical fasteners should not exceed **750 mm**. If a batten is less than 750 mm long, at least two fasteners must be installed.



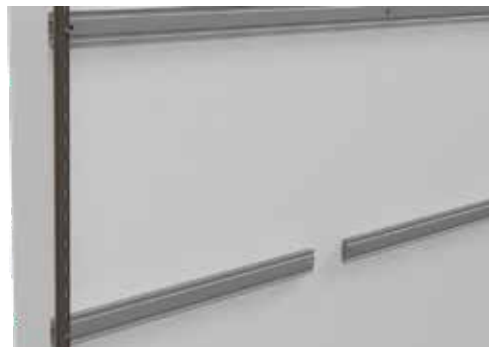
Once battens are in place, get a startup profile from one of the Aris profiles by cutting longitudinally the profile's fastening wing to the measurement specified in the following image. *The rest of the Aris profile will be used at some other point along the installation, as shown below.*



Place the startup profile at the installation end to start assembling the profiles.



The startup profile must be fixed to the batten by means of the Aris fixing screw.





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3.2. Profile placement

Once the startup profile has been placed, install the first Aris profile as shown in the following images.

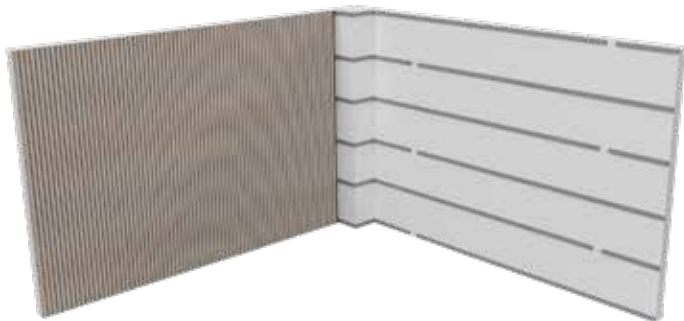


Attach the left side of the slat to the startup profile and screw the right side with the Aris screw to each of the battens.

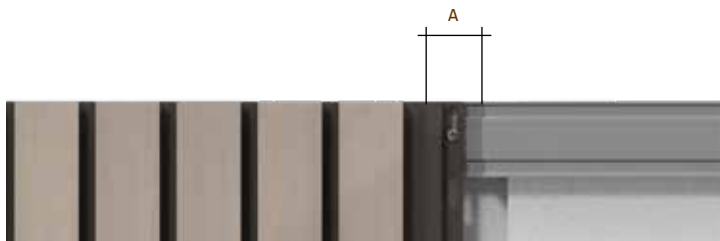


For better profile performance, the Aris profile should not be in contact with the floor and the ceiling. Leave a separation joint of at least **5 mm**.

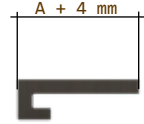
Install panels until reaching the corner where the pillar is located and where, usually, part of the last profile is cut to cover the entire wall.



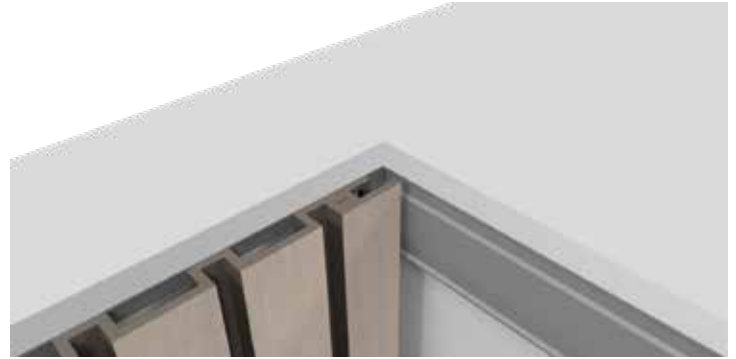
As can be observed in the previous image, the last panel installed does not cover the entire wall, especially considering that the fastening profile should not be visible.



Take the same Aris profile from which the startup profile was obtained and cut it to cover the entire wall. The cut measure is 'A' + 4 mm

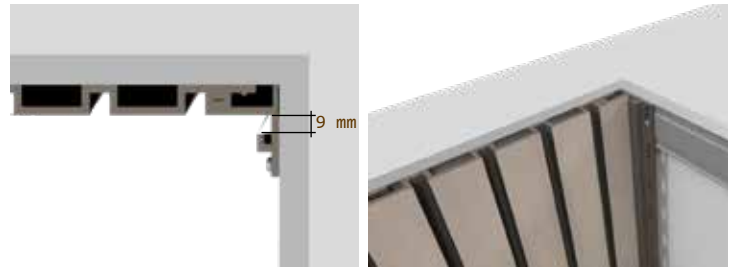


Once cut, place it on the fastening wing of the previous profile. It is advisable to apply PVC adhesive on this fastening wing for adequate fastening to the cut profile. In the event that the profile rests on the batten if cut to an A + 4 mm measurement, double-sided tape or PVC adhesive can be placed on the base.

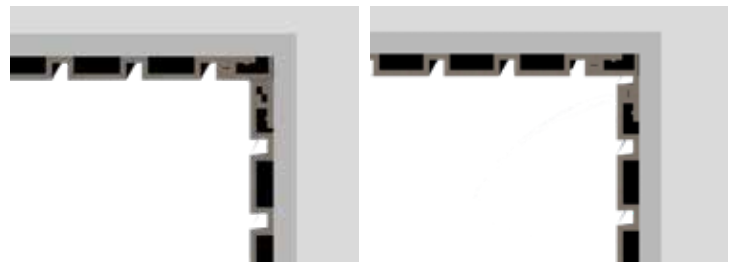


The previous image shows the top off piece, which covers the entire first installation wall.

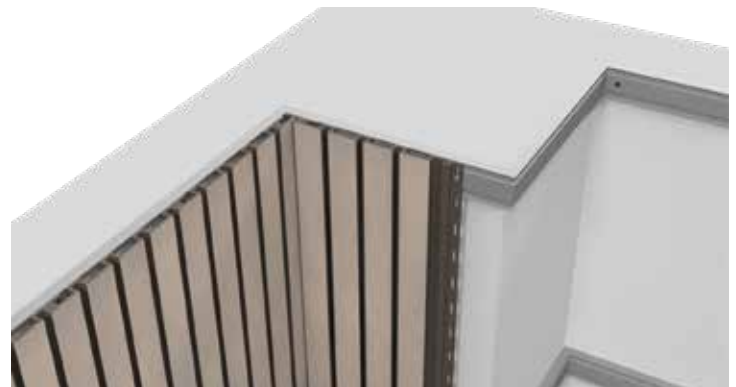
At this point, repeat the same installation process followed on the first wall. Place the startup profile, which, in this case, has a different measure.



These must be at least 9 mm to allow for placing the first slat that will cover the installation pillar, as shown in the following images.



Once the slat is in place, screw it with the Aris screw in the same way as the previous ones in order to fasten the pillar to the wall.



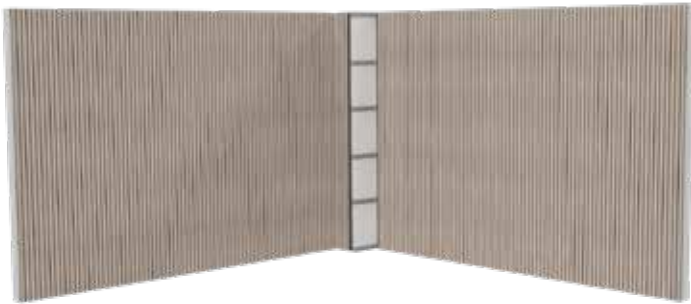
To continue, leave the pillar panelling aside for a moment and start the installation on the previous panel.

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As shown in the following image, place the startup profile obtained from an Aris profile. Then, place the first panel in the same way as before, by screwing in each of the battens.



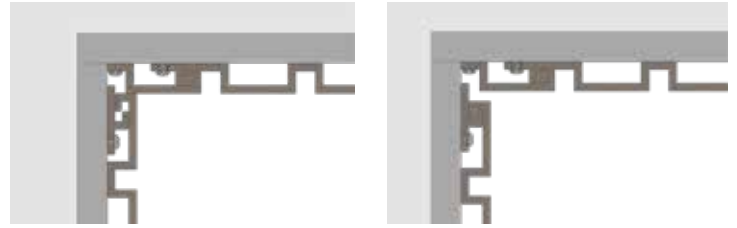
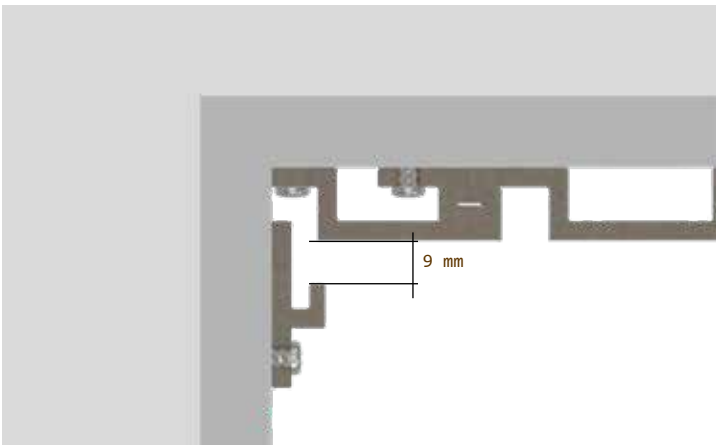
Place the rest of the panels until the entire wall is covered.



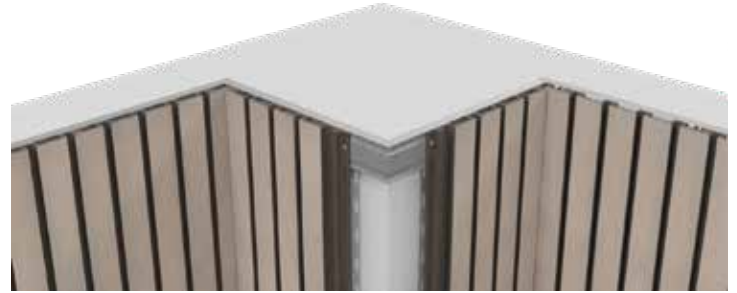
As in the previous case, the last slat is not enough to cover the wall. Take the slat used to obtain a startup profile and use it to cover the rest of the wall. As shown in the following image, the wing of the profile piece touches the batten, so it could be fixed by means of a double-sided tape or by screwing the wing to the batten



The previous image also shows that a startup profile has been already installed to finish the pillar panelling. As in the previous case, leave at least a 9 mm gap to insert the fastening wing of the next panel.



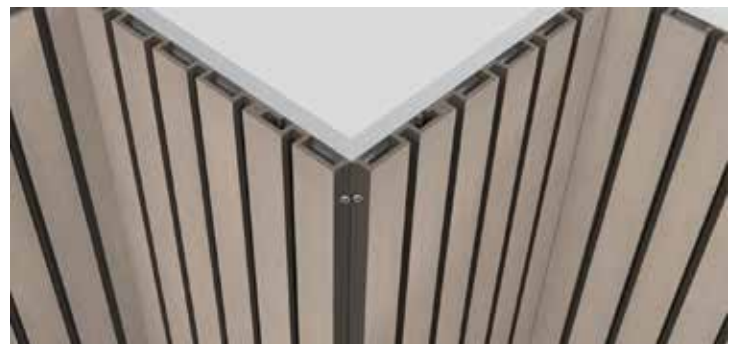
Place the slat and screw it in the same way as the previous panels. Then, place the top off piece on the pillar corner.



At this point, there may be different manners to panel pillars, depending on the part in which the Aris profile has to be cut longitudinally. In this case, it would be as follows:



As shown in the image, cut the profiles to the right measure to cover the side of the pillar to be panelled to the end of the batten. Both previous images and the following one show that, in the pillar corner, rails have been cut at a 45-degree miter to facilitate installation.



To facilitate the fastening process with screws, previously drill a hole at 45° through the Aris profile and the batten. In this case, the Aris screw can be used to fasten at the end, as shown in the image above. Alternatively, adhesives or double-sided tape can be used for fastening.



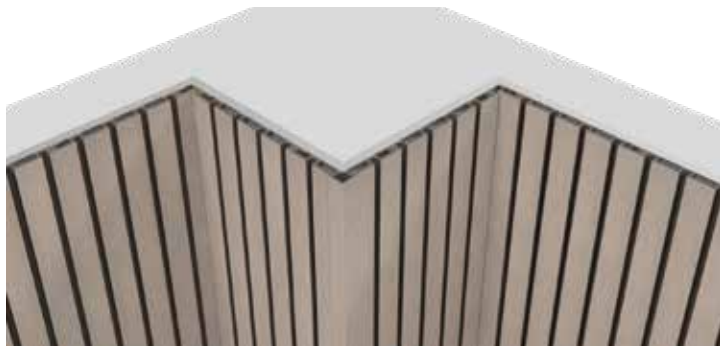
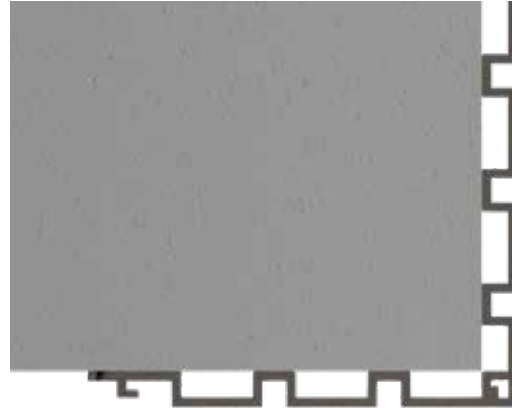
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Once profiles are securely fastened, place the Aris corner piece to top off the pillar corner, thus hiding visible screws.



The corner piece may be fixed with double-sided tape or PVC adhesive

In the following example, a panel is cut so as to maximise the contact between both of them and fix them using a PVC adhesive along the profile.

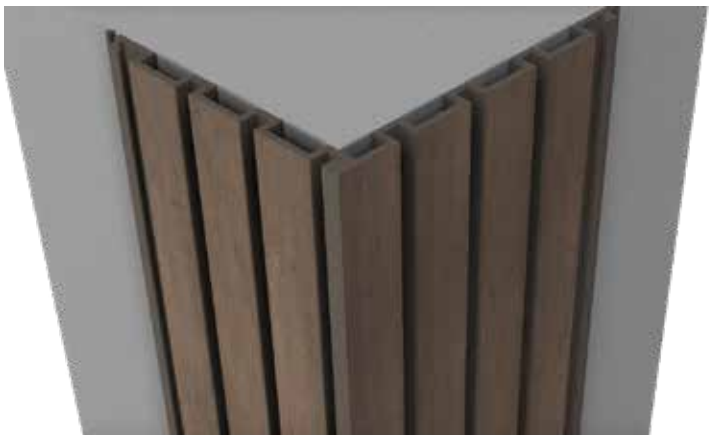


Alternative finishes can be achieved without corner pieces but must be optimised by the installer for the particular situation of each construction site, always using the appropriate technical means.

The following two examples show how to make these connections at the corners of the pillars. In this case, the installation would start at the pillars.



In this case, cut a profile (as shown in the image above) so that it can fit into the anchoring wing of the other profile. Fix it along the wing with PVC adhesive.



In the case of the Nature finish, panels left unbrushed can be sanded using a 60-grit sandpaper to even them out.



These examples are solutions that can be provided by installers, who must guarantee proper operation. Tarimatec is not responsible for their behaviour.



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4. OUTDOOR INSTALLATION - ASSEMBLY ITEMS

The following assembly items are required for outdoor installation of the Aris profile:



Aris profile (in accordance with measurement)



Aluminium outdoor batten 50x30 mm



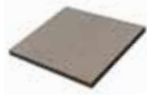
Aluminium batten screw 7504N 4.2x19 mm



Bracket 40x40 mm SST



Top-off profile screw



Top-off profile

Although the ARIS profile installation is especially recommended indoors, the profile can be installed outdoors **only if the NATURE finish is applied**.



Do not install the TRAMA finish outdoors

5. OUTDOOR INSTALLATION

4.1. Batten installation

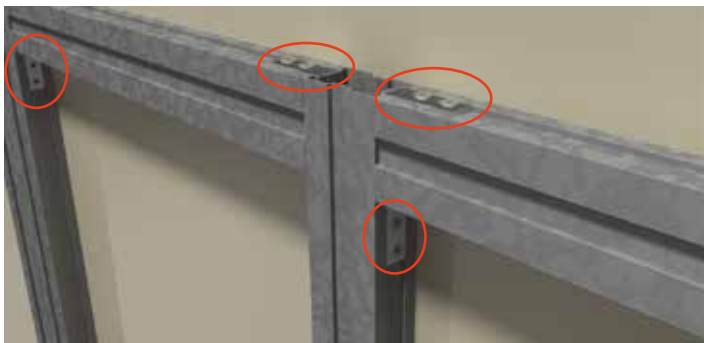
For outdoor batten installation, use the **50x30 mm aluminium Tarimatec batten**. The maximum spacing between battens must be **500 mm** from centre to centre.

It is recommended to install profiles in **closed structures** that, in addition to guaranteeing system stability, allow for levelling battens easily.

$A \leq 500$ mm




For closed structures, use the Tarimatec INOX joint bracket. Fasten this bracket with the ARIS aluminium batten screw.

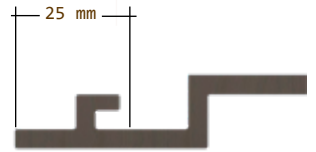


The fastening of the battens or the batten structure to the substrate should be carried out with the elements and in the manner that the project management team deems appropriate.

3.2. Profile placement

The ARIS profile installation procedure is the same as described in the indoor ARIS installation section. Place a startup profile obtained from one of the ARIS panels.

Once battens are in place, get a startup profile from one of the Aris profiles by cutting longitudinally the profile's fastening wing to the measurement specified in the following image. *The rest of the Aris profile will be used at some other point along the installation, as shown below.*



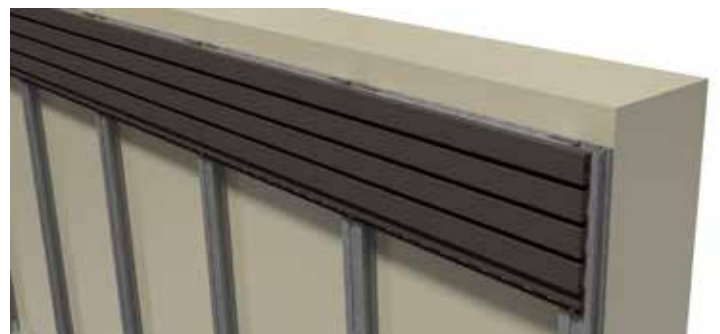
Once the startup profile has been obtained, place it at the end of the installation to start the assembly of profiles. In the indoor example, the ARIS profile was installed vertically. In this case, do it horizontally and start the installation from the top.



For screwing both the startup profile and ARIS profiles, use the **7504N aluminium batten screw**.



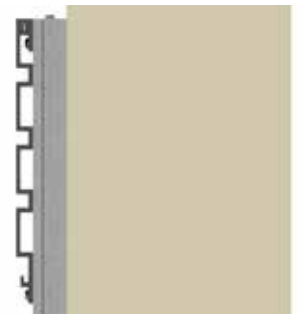
Once the startup profile is fastened, install profiles until reaching a corner or the installation end.



The image on the right shows the first ARIS profile fastened at the top by the startup profile and at the underside by the 7504N self-drilling screw for aluminium batten.



The screw tightening torque must be sufficient so that the base of the screw touches the profile without perforating it, thus preventing natural expansion and contractions.

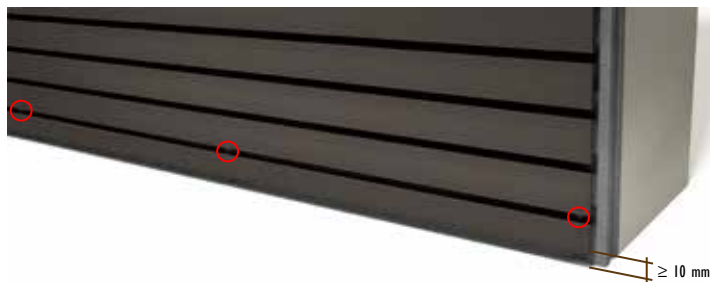


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In the case of adjoining panels, both in vertical and horizontal installations, there must be an expansion joint of at least **6 mm**. This expansion joint is recommended for slats of up to **3 m**. In case of installing longer slats, the size of the expansion joint must be directly proportional to the slat length.



As it can occur in indoor installations, the last slat may not be laid across its full width. Cut the slat lengthwise to the desired width. The minimum spacing between the end of the slat and the floor shall be at least **10 mm**.



The slat must be fastened at the top by means of the profile's own fastening flange and at the underside with the 7504N self-drilling screw. Previously, drill a hole in the ARIS profile where the **6 mm screw** will be placed. Besides, the screw tightening torque shall be the minimum to guarantee the fastening of the ARIS profile to the batten, thus allowing for the usual profile expansion and contractions.

The moulding or top off profile can be used to finish the installation. Although this profile is 180 mm wide, it can be cut lengthwise to the desired width and length. This profile must be fastened using a moulding screw.

This profile must be installed according to the Tarimatec Deck or Tarimatec Vertical Mont Blanc assembly instructions included in this technical manual.



In outdoor installations, if the ARIS profile is to be placed **HORIZONTALLY**, it is recommended to apply **FINISH** to avoid water stains. Nevertheless, water stains are easily removed (refer to *Tarimatec cleaning instructions*).

