

installation
guide

ATLAS
SERIES

—
fixed roof

acristalia





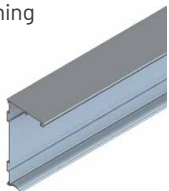

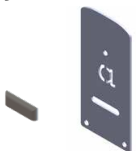
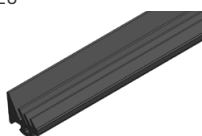

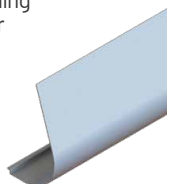


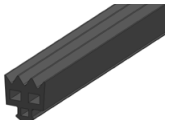


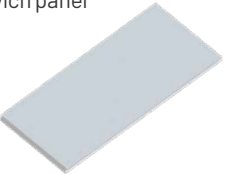

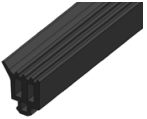

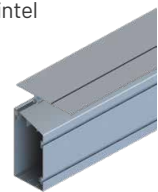






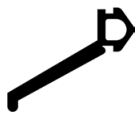
INDEX

p. 4 Parts **and components**

p. 5 General roof **view**

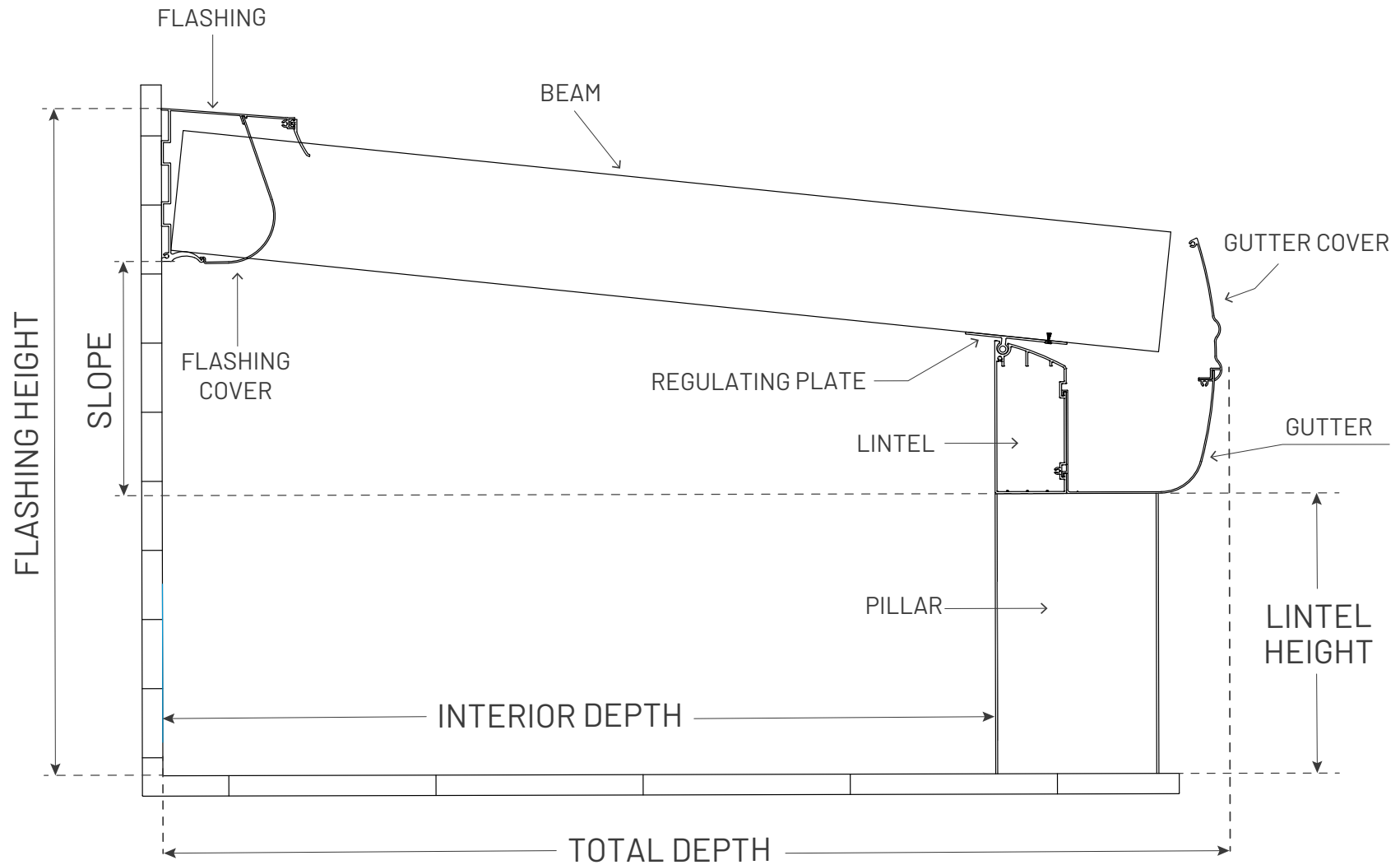
p. 6 Steps **to follow**

Parts identification

Flashing 	Gutter cover 	Front beam cap with drainage cover 	GOM0029 	Screw A 5'5 x 19 mm 
Flashing cover 	Gutter drainage 	Flashing cover 	GOM0030 	TOR0034 
Beams 	Glass panels or sandwich panel 	Flashing cover blocker 	GOM0031 	TOR0125 5,5 x 32 ZN 
Regulating plate and lintel 	Pillars 	Clamp 	Flashing gaskets 	
Gutter 	Pillar anchors 	Clamp cover 	Beam gaskets 	

General roof view

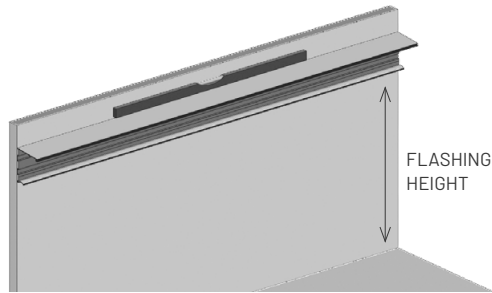
Once the list of components has been reviewed and identified both in quantities and lengths, we check the position of the profiles as indicated in the following image:



Steps to follow

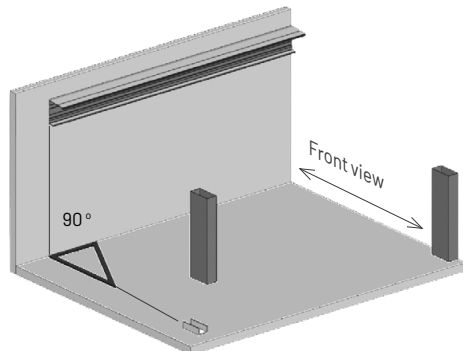
STEP 1

Viewing the order sheet, we will mark the height where we are going to fix the flashing (whether upper or lower part) and proceed to fix it level. We will add as many drill holes as necessary for proper anchoring.



STEP 2

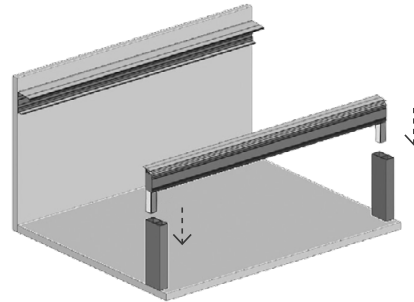
Referring to the order sheet, identify and mark the exact measurement at which the lintel is positioned in relation to the flashing – either at the interior depth or the total depth (= interior depth + 220 mm). This measurement must be precise to ensure that the glass panels align correctly within the regulating plate. Once this reference has been marked: Fix the anchor plates securely to the floor. Position and fasten the pillars onto the anchor plates, ensuring correct alignment and structural stability. For pillar fixings, use A 5.5 × 19 mm screws as specified.



STEP 3

If specified on the order sheet, the upper fixing brackets for the pillars are pre-installed on the lintel at the factory. Position the lintel along the alignment of the pillars. Ensure correct placement against the vertical line of the structure. Secure each pillar laterally to the anchor brackets using the TOR0039 screw, tightening firmly to guarantee structural stability.

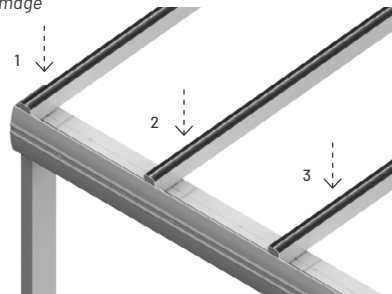
Note: Check that all brackets are fully engaged before final tightening to avoid misalignment of the system.



STEP 4

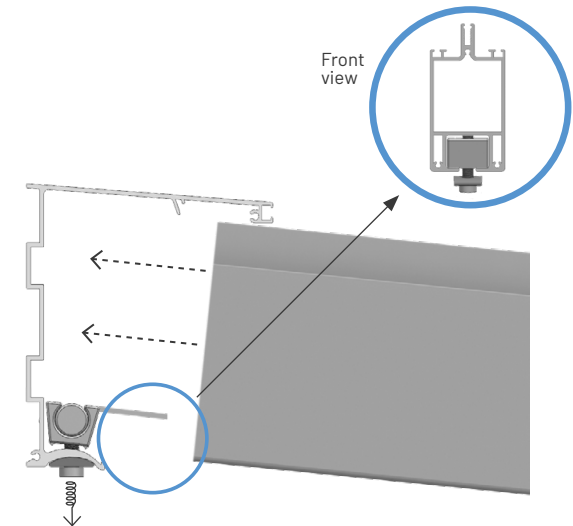
Once the pillars have been securely fixed, proceed with the installation of the roof beams. Identify the beams: the lower ends are fitted with protective covers bearing the Acristalia logo. Each beam is numbered sequentially (1, 2, 3, etc.), always referenced from the front view of the roof, counting left to right. Ensure that all beams are correctly identified before beginning assembly. Important: Do not remove the protective covers until the final alignment has been verified.

Reference image

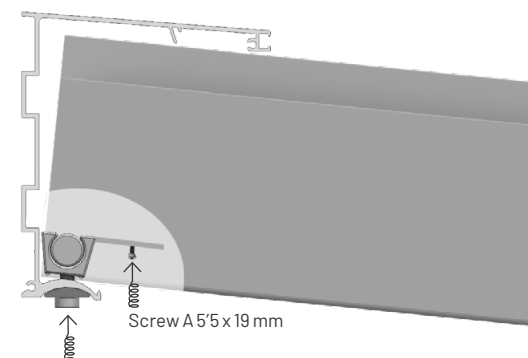


STEP 5

The beam fixing blocks will be installed on the flashing. Next, we will introduce the upper end of the beam through the fixing block. Once the beam is supported on the regulating plate and has made contact with the flashing wall, we will tighten the Allen screw. Once this is done, it is necessary to perform the safety fixing with the TOR0039 to join the block to the beam.

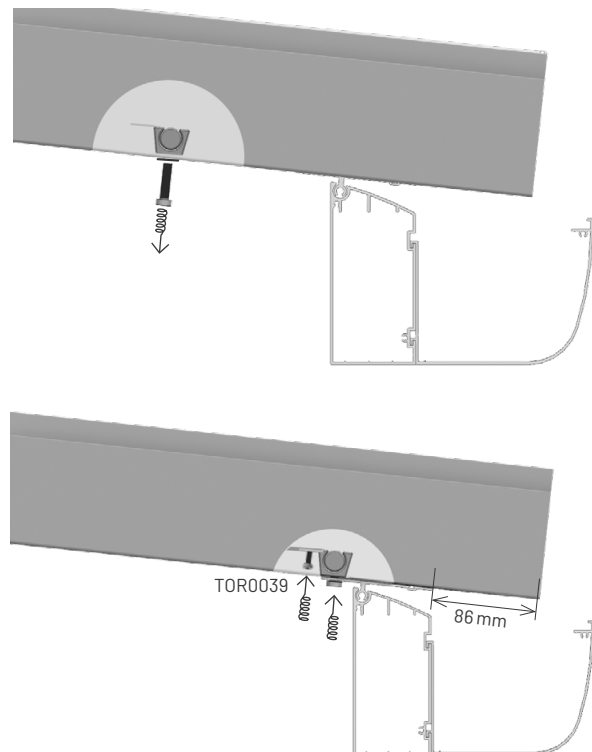


Safety fixing

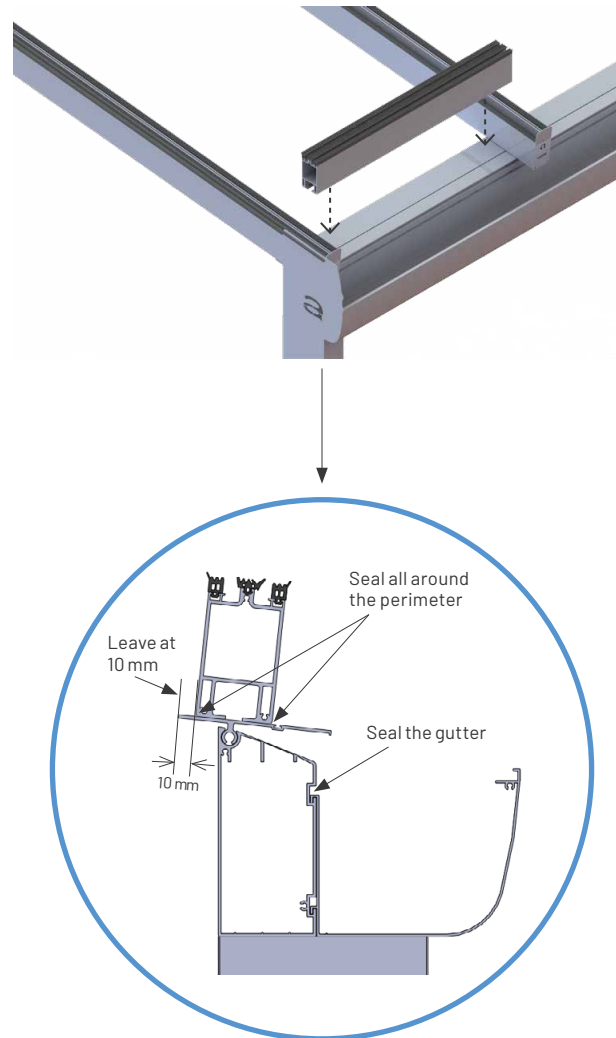


STEP 6

Fixing the Lower End of the Beam. Locate the fixing blocks inside the beams. Loosen the Allen screw of the fixing block (including its washer). Slide the block until the hole of the regulating plate aligns with the thread of the fixing block. Insert the Allen screw with washer and tighten until the block is fixed. Check vertical alignment (plumb) of the pillars at this stage. Repeat this process for each beam. Verify the distance between the regulating plate and the beam head with cover: must be 86 mm. Important: As in the previous step, ensure the block is fixed to the beam using the TOR0039 screw. Note: Ensure all elements are tightened securely before proceeding with the next installation steps.

**STEP 7**

Once the beams are installed, we will place the front supports (lowered beams) in the area between beams, on the regulating plate, 10 mm from the inner edge, then sealing them.

**STEP 8****PANEL IDENTIFICATION**

Fixed roof panels are identified with a label that expresses the panel position, the bay it belongs to, the type of glass and details relating to the project documentation.

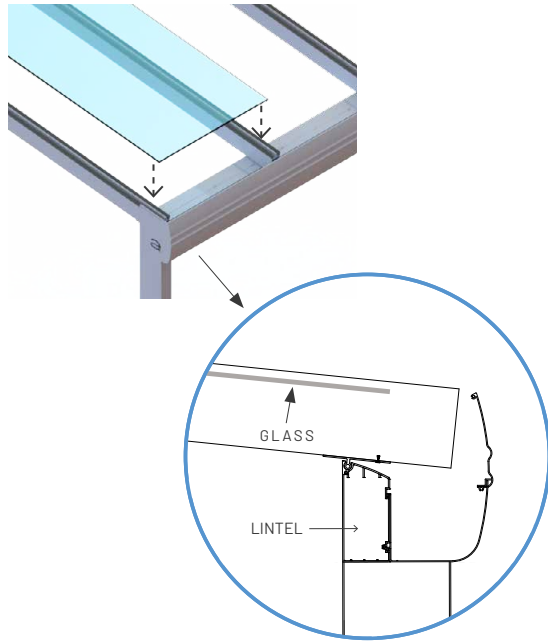
Label example:

acristalia
Cliente:
Nº Presupuesto:
Nº Fabricación:
Vid laminado inco 6
Posición 1 / - C1-1-Cn

Therefore, it is very important to review each label on each panel before installing them.

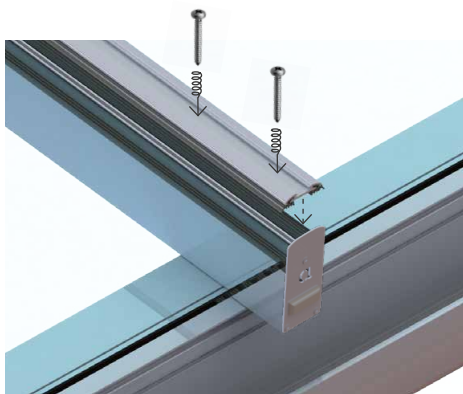
STEP 9

Place the panels on the rubber gaskets of the beams.



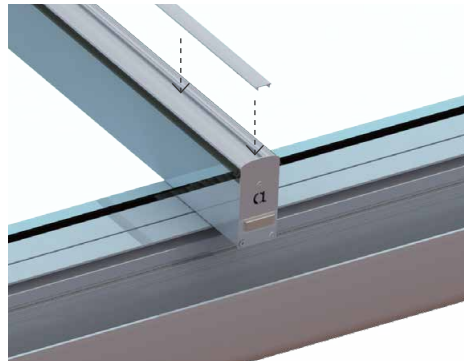
STEP 10

Fix the clamps with the TOR0125 screws along the beams.



STEP 11

Subsequently, clip the covers to the clamps to enhance the system.

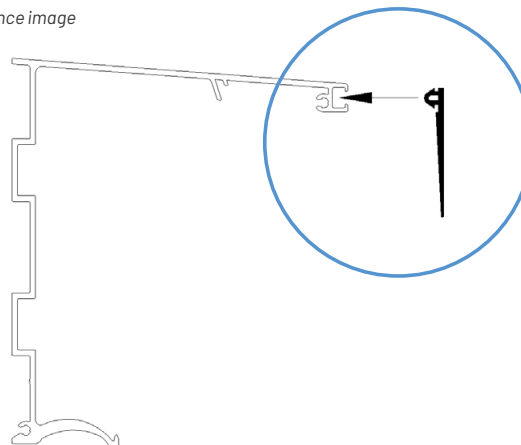


STEP 12

GASKET INSTALLATION

Once the sheets are fixed, we can proceed to install the flashing gasket, which will be pressure fitted, as shown in the image.

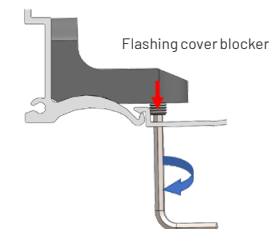
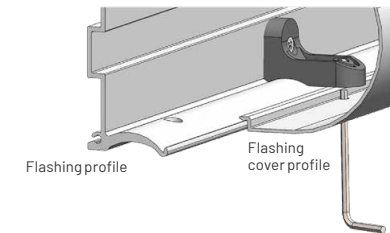
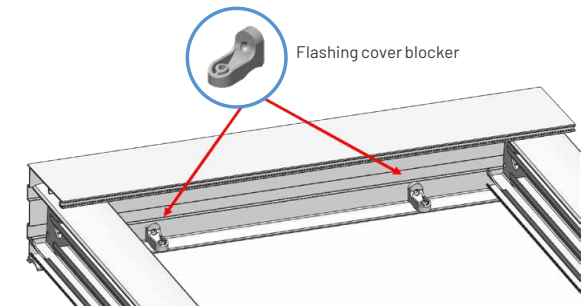
Reference image



STEP 13

FLASHING COVER BLOCKER INSTALLATION

Precondition: Ensure the roof is installed and the flashing covers are correctly positioned. Insert the tool: Place a 4 mm Allen key through the holes in the flashing cover profiles. Tighten the blocker: Turn the threaded rod (screwed into the flashing cover blocker) until the profile is securely blocked. Recommendation: Four complete turns are sufficient. Check fixation: Ensure that the cover is firmly held in place and cannot move. Note: The detailed installation process is illustrated in the images provided. Important: Do not overtighten the threaded rod. Excessive force may damage the profile or the blocker part.





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For any questions, please contact
our Technical Department by phone
or email:

(+34) 952 198 752
info@acristalia.com

www.acristalia.com/en