

SKYSHADE® 3100
INSTALLATION OVERVIEW



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INTRODUCTION

SKYSHADE® 3100 is a standing seam canopy that offers continuous battens that snap over panel edges to form seams.

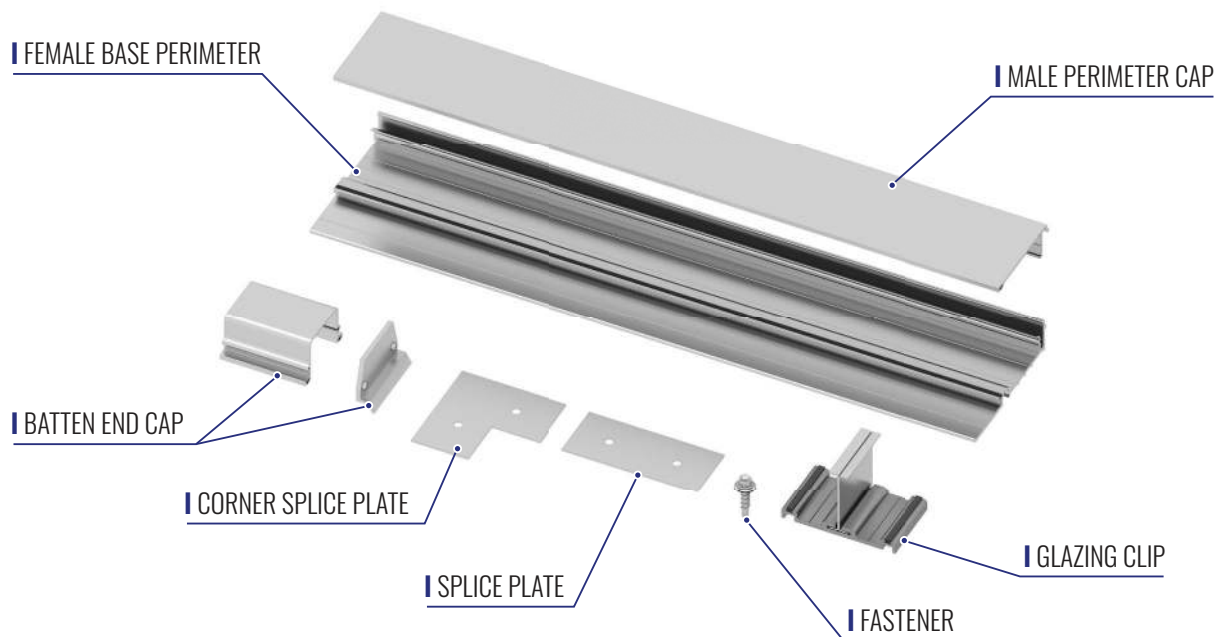
These Instructions provide an overview of a typical SKYSHADE® 3100 installation. Please refer to project

specific installation drawings for dimensions, configuration and installation notes that may be unique to your project.

If you have any questions regarding installation, please call EXTECH technical support at 1-800-500-8083.

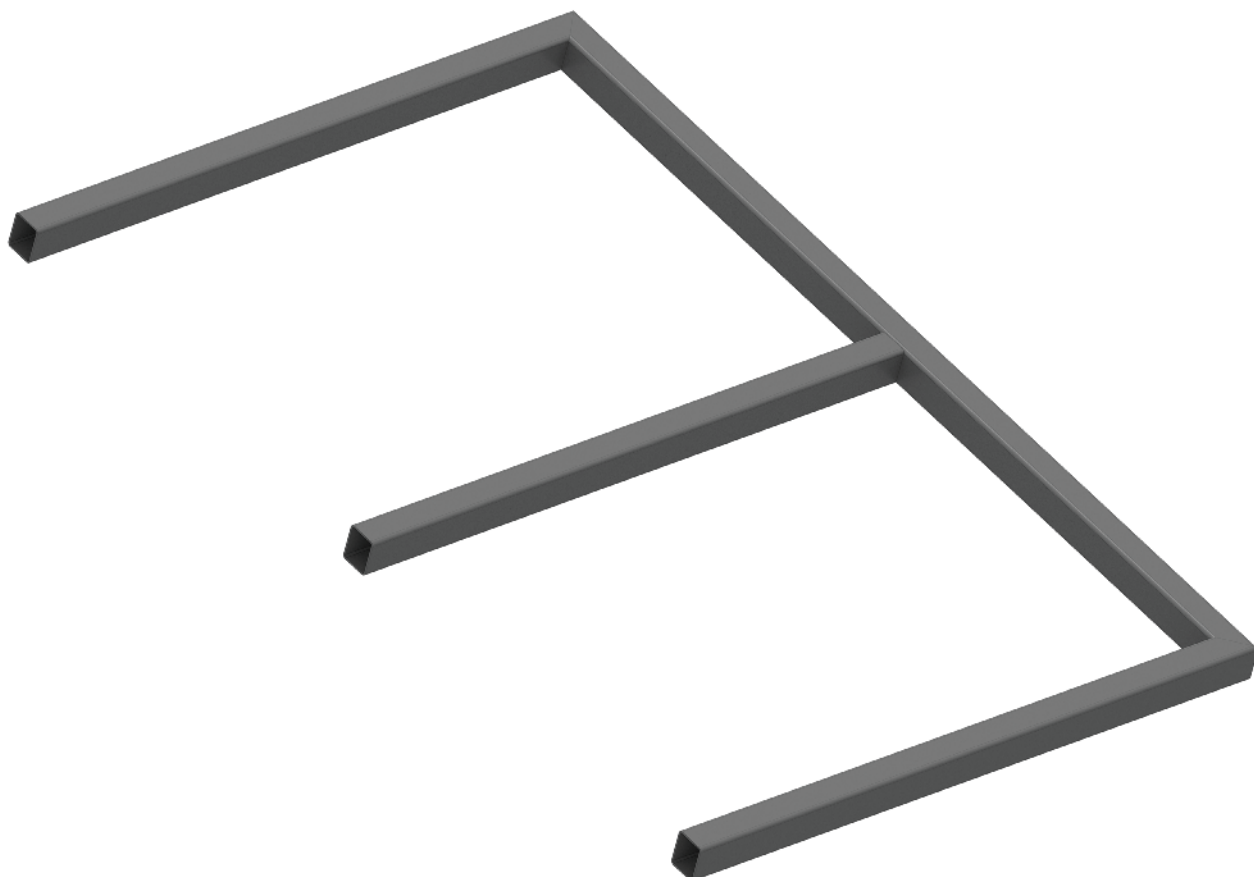


SKYSHADE® 3100 COMPONENTS



STEP 1: PREPARE FOR INSTALLATION

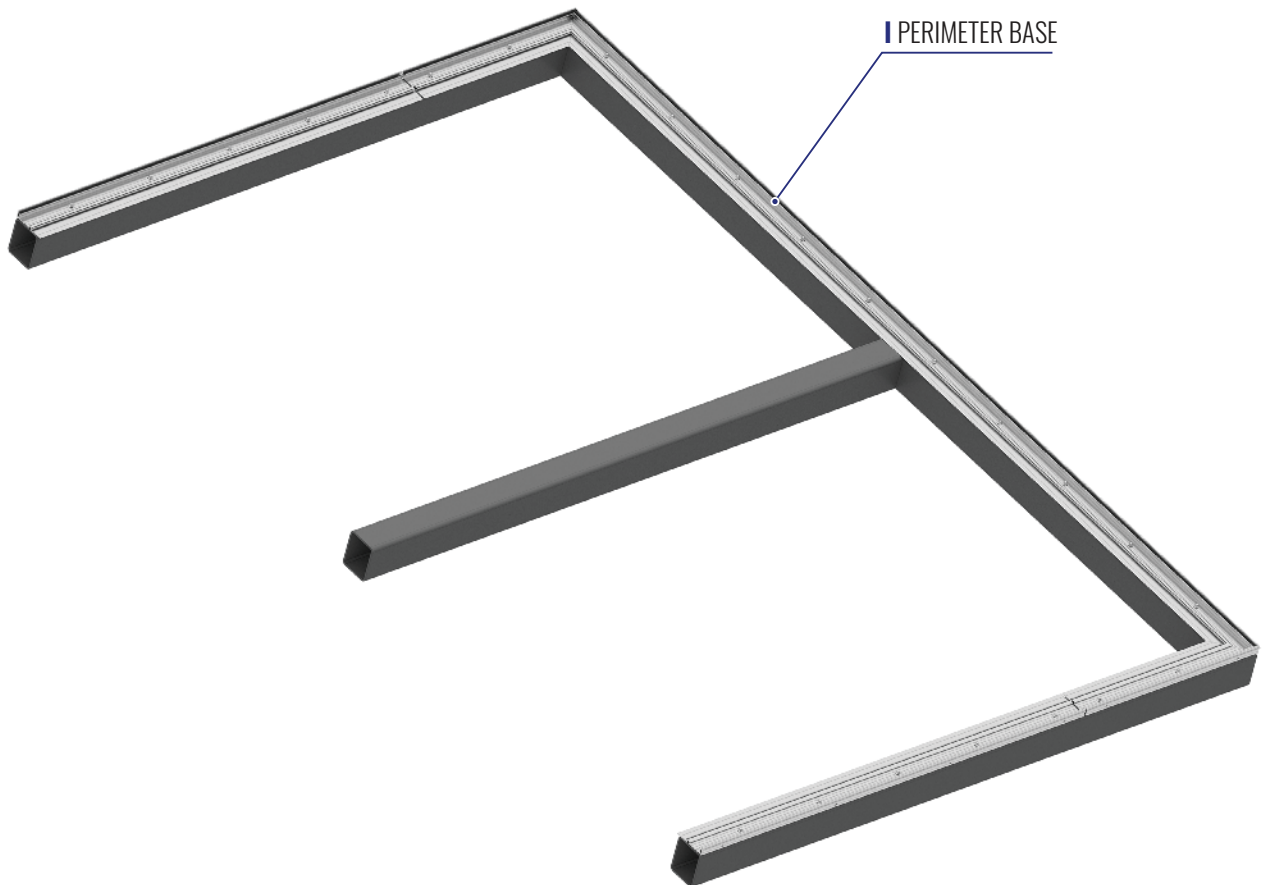
- Check that substructure is square, straight, and in good condition to support the canopy system.
- Measure and confirm that dimensions are correct prior to starting the canopy installation. Contact EXTECH if dimensions are not as expected.



Note: Your project may require a different system configuration or a different installation sequence and could vary from the steps shown in these instructions. Please make sure to review project shop drawings before starting installation.

I STEP 2: BASE FRAMING

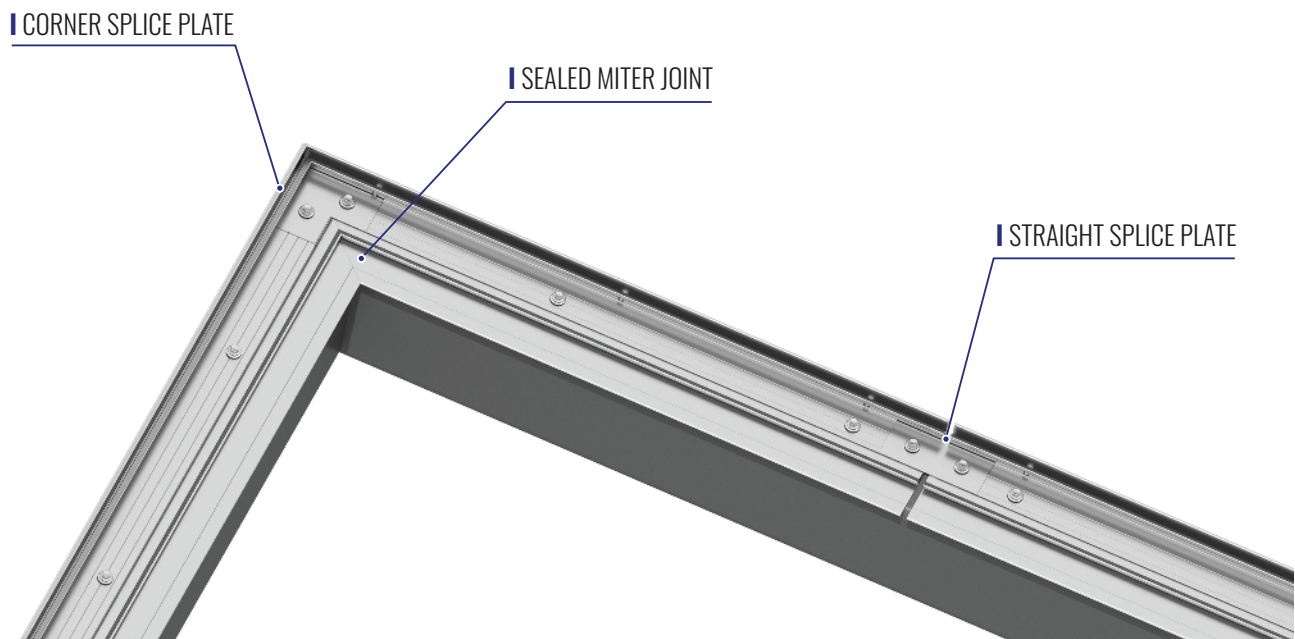
- Install the base perimeter framing allowing for 1/4" wide expansion joints between sections.



Note: Attachment fasteners are typically supplied by the installing contractor, based on the substrate and method of installation.

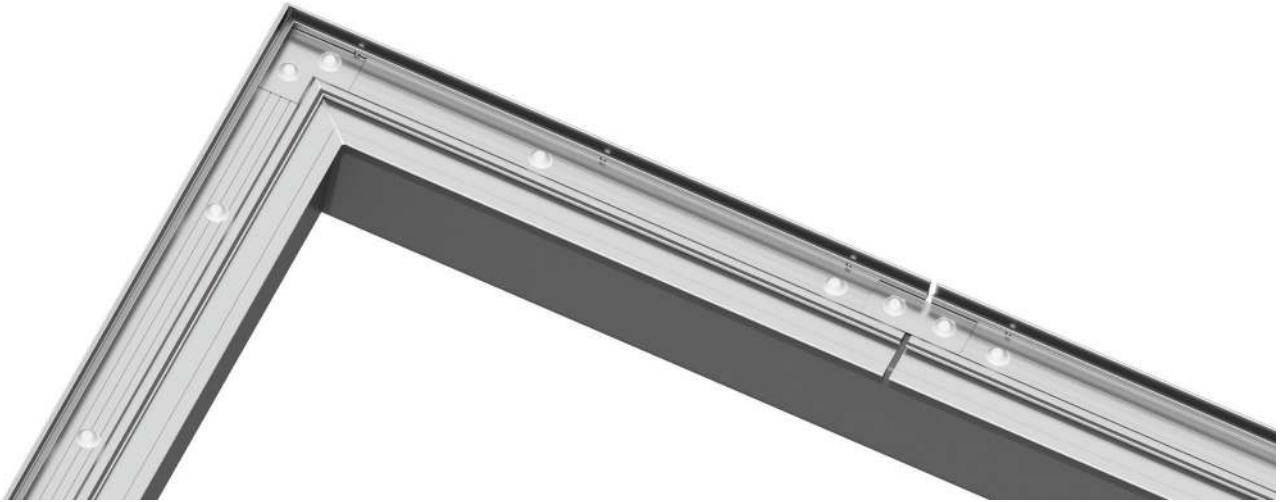
STEP 3: INSTALL SPLICE PLATES

- Install splice plates bedded in sealant to cover the expansion joints.
- Fasten the splice plate to the base extrusion on each side of the expansion joint with the provided self-drilling screws and cap-seal the fasteners.
- Place a bead of sealant on the miter joint.
- Install the corner splice plates bedded in sealant.
- Fasten the splice plate using the provided self-drilling screws to each leg of the miter.



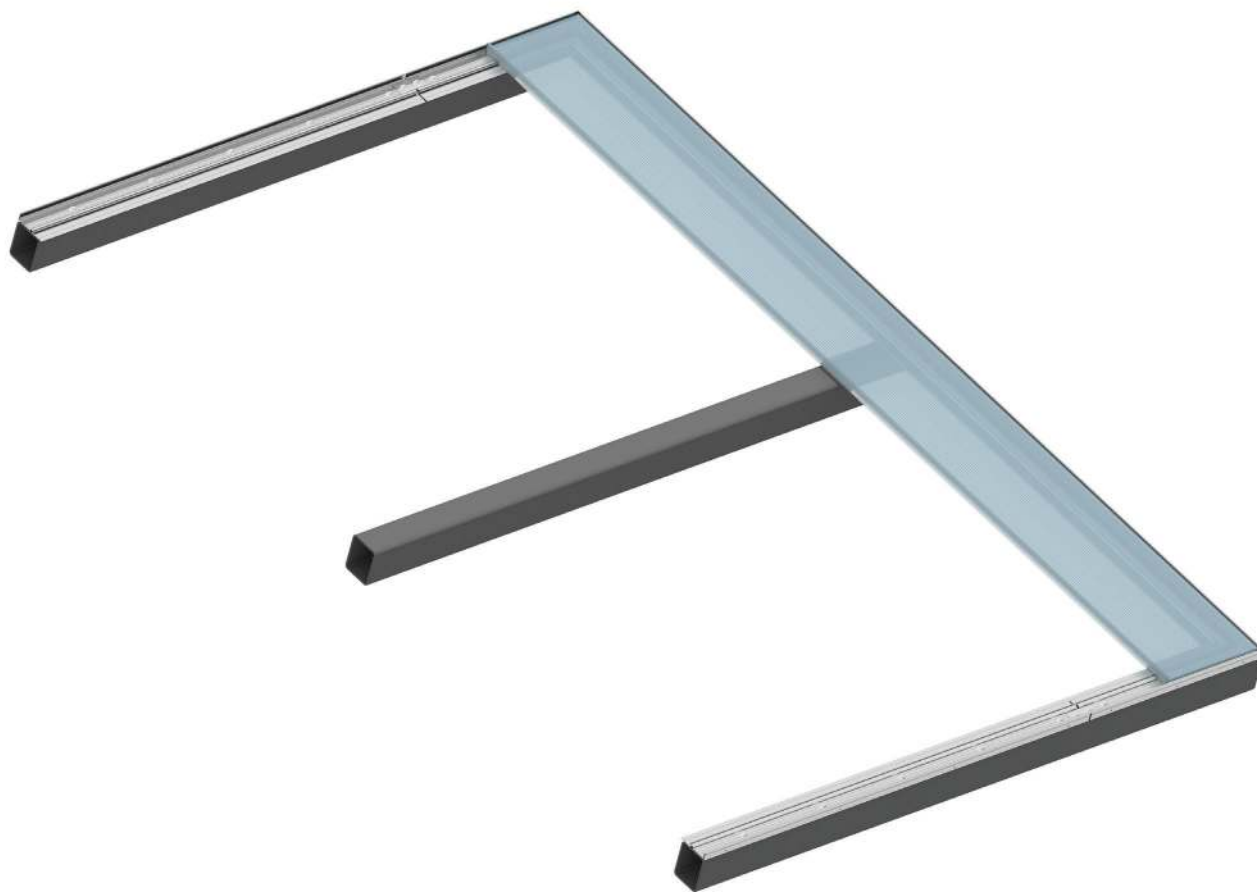
I STEP 4: CAP SEALING

- Cap-seal all fasteners.



I STEP 5: STARTER PANEL

- Install the starter panel.



It may be necessary to rip cut the starter panel to width. The polycarbonate panels can be cut with a standard circular saw using a fine-tooth blade. Make sure to leave the protective peel-coat plastic in place until after cutting to avoid scratching the panel.



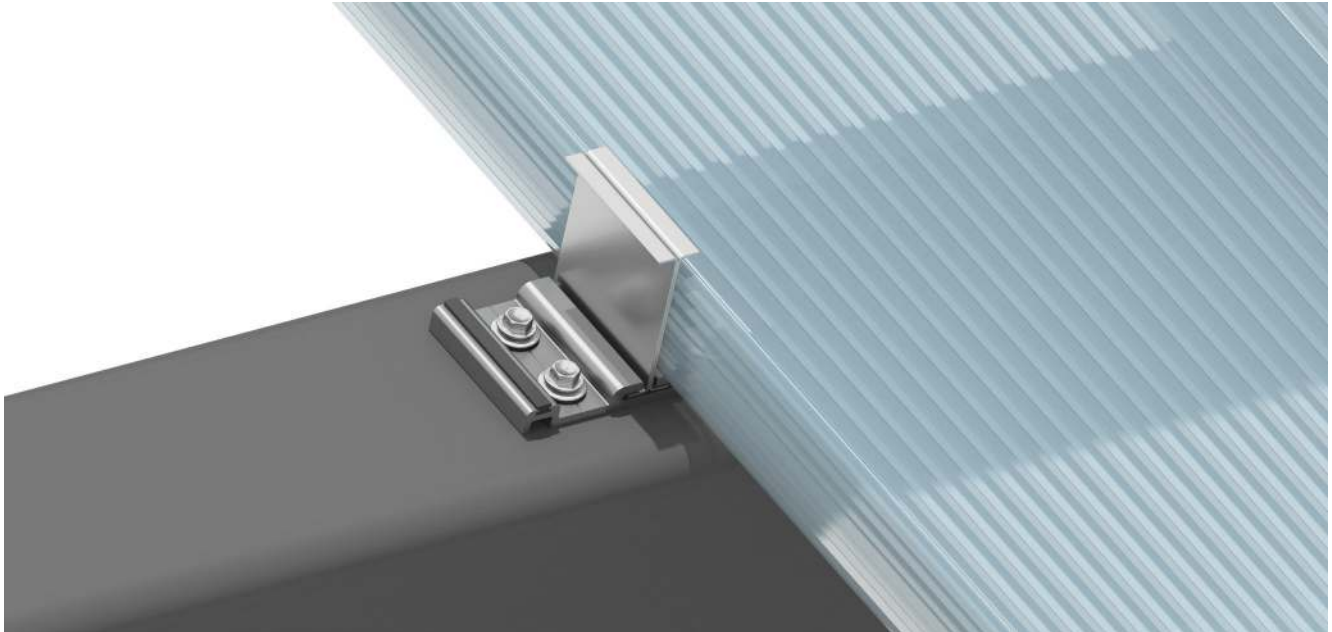
Note: It may be necessary to apply vent tape on panels that are field cut to length. Vent tape is NOT necessary on the standing seam edges of panels.



Warning: Be sure to place the panel with the standing seam legs facing up.

I STEP 6: GLAZING CLIPS

- Install the glazing clips tight to the first panel.
- Center the clip on the supporting purlin or structure, which allows the screws to achieve proper engagement.
- Fasten the clip to the supporting structure with 2 pan head or other low-profile fasteners.
- Ensure that the screw heads clear the underside of the next glazing panel.



STEP 7: INSTALL FULL PANELS

- Install the next full panel by sliding it snugly against the previous panel, engaging it firmly into the previous clip.
- Continue repeating steps 6-7 until all panels are installed



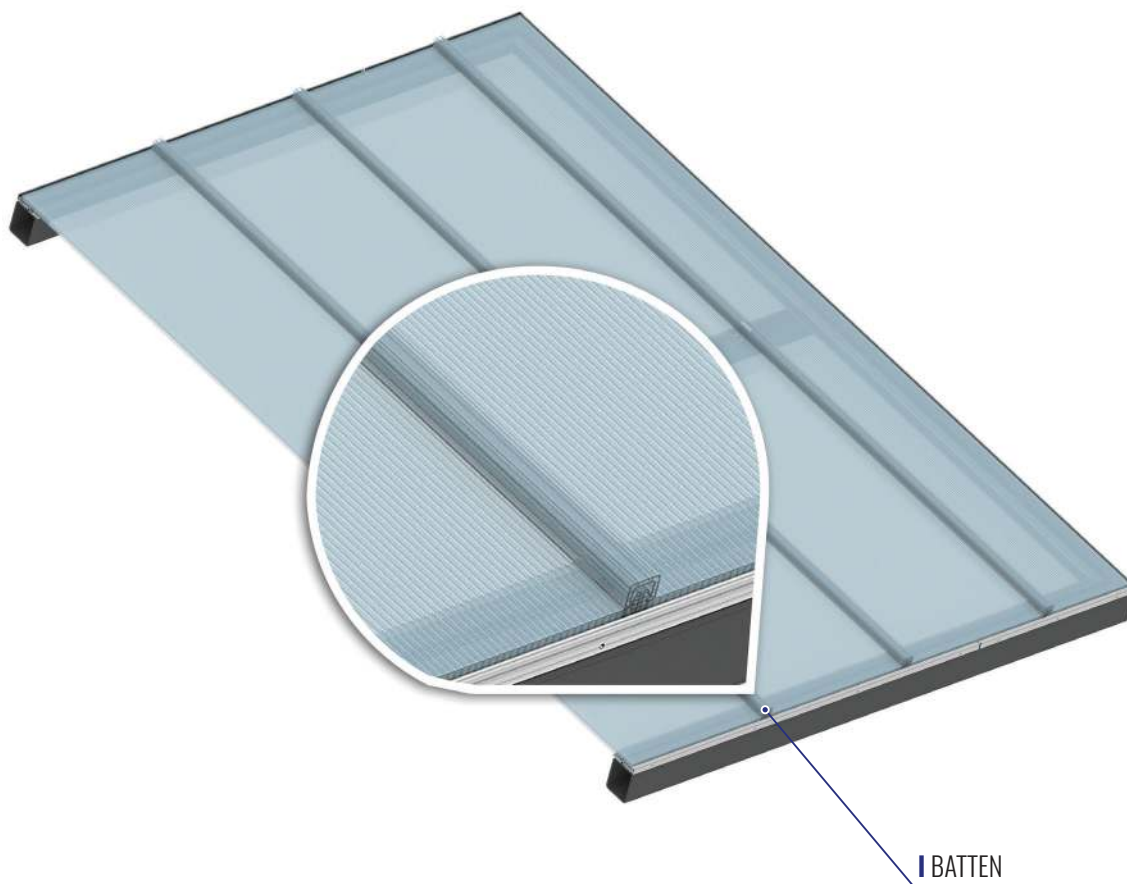
Note: It may be necessary to rip cut the final panel to width. The polycarbonate panels can be cut with a standard circular saw using a fine-tooth blade. Make sure to leave the protective peel-coat plastic in place until after cutting to avoid scratching the panel.



Note: Avoid laying or walking over adjacent panels when completing the installation.

STEP 8: SNAP ON BATTENS

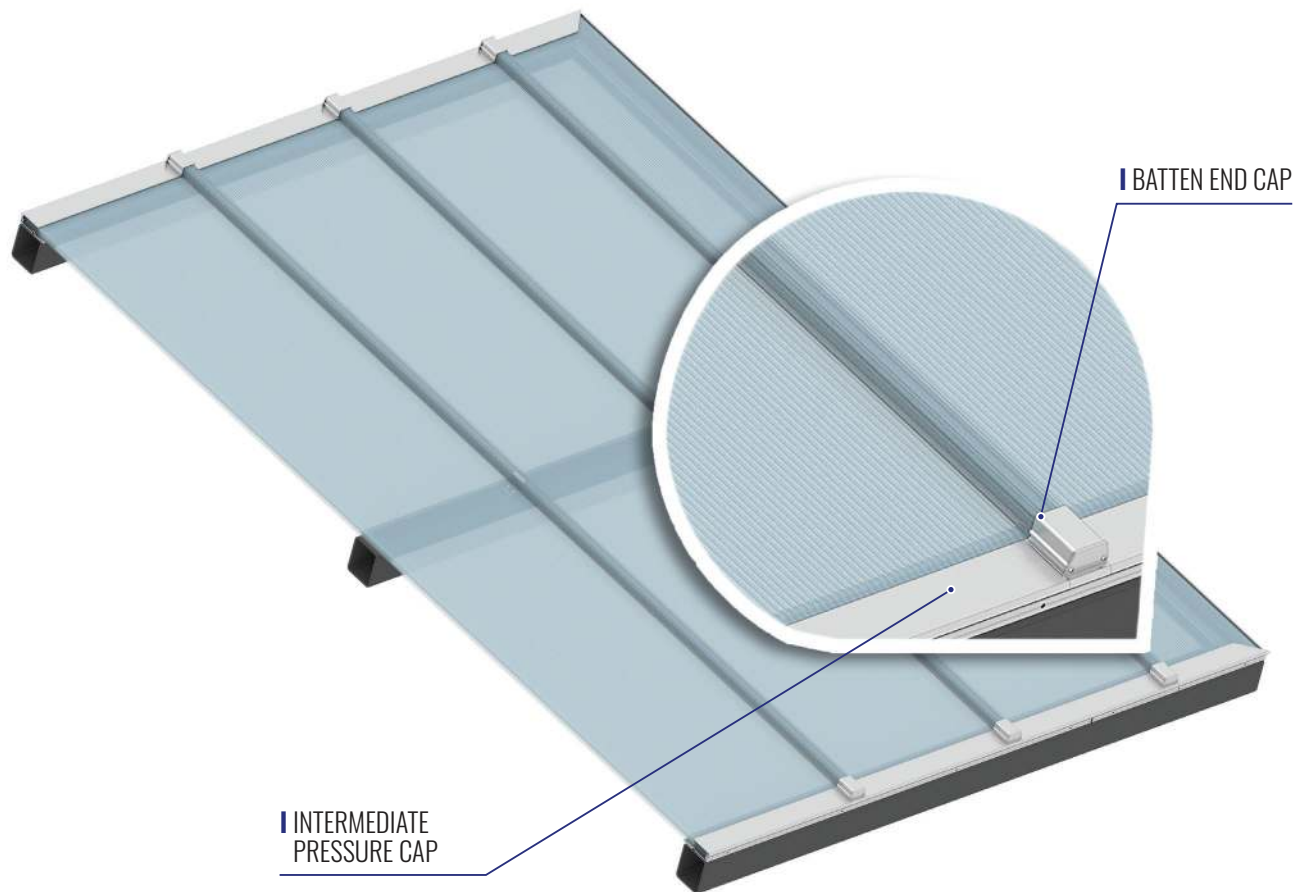
- Snap the polycarbonate battens over the standing seams, confirming that the bottom hooked legs of the battens are fully engaged under the standing seam legs.
- Ensure the batten is centered from side to side prior to installing the batten end caps.



Note: Be sure to use a rubber mallet to snap on battens to avoid damaging the system

STEP 9: INSTALL BATTEN END CAPS AND INTERMEDIATE PERIMETERS

- Snap batten end cap assemblies into place over the ends of the polycarbonate battens.
- Snap intermediate pressure caps in place between each pair of batten end caps.



STEP 10: INSTALL JAMB PERIMETERS

- Install the jamb male perimeter framing (supplied in long lengths) by firmly engaging it into the base perimeter to complete the installation.



STEP 11: CLEANING AND MAINTENANCE

I After Installation and future cleaning:

- Panels should first be hosed off thoroughly with a medium spray of lightly pressure washed to remove any abrasive surface material.
- If desired, after removing surface debris, wash the panels with mild soap or detergent and lukewarm water using only a clean, soft sponge or cloth.
- Continue to gently wash to remove any remaining grime.
- DO NOT SCRUB or use brushes or squeegees.
- Rinse the panels with clean water using hose or pressure washer.
- If stains remain, they can likely be removed before drying by rubbing lightly with a good grade of naphtha or isopropyl alcohol followed by a final wash with mild soap or detergent and a final rinse.
- Dry with a clean, soft cloth to prevent water spotting if desired.

I Compatible Cleaning Agents:

- Joy
- Palmolive Liquid
- Mild Hand Soap
- Isopropyl Alcohol

I Incompatible Cleaning Agents:

- Lysol
- Pinesol
- Butyl Cellosolve
- Strong Petroleum Based Solvents
- Abrasive Detergents

CARE AND STORAGE

- Inspect materials prior to signing for shipment. Photograph any damage or evidence of shortages.
- You must notify EXTECH of any damage or material shortages within **48 hours of receipt**. EXTECH cannot guarantee material replacements for damage reported after 48 hours unless EXTECH (solely) deems the available documentation warrants replacement.
- EXTECH is not responsible for any damage caused by improper unloading, storage, handling, or cleaning.
- Rough treatment of the materials may cause damage and may void warranties.
- All materials should be stored in a secure, dry area.
- Materials must be stored off the floor or ground and (if outdoors) covered with heat reflective, breathable tarpaulins.

If you need assistance, please call
1-800-500-8083

EXTECH can provide


- Dedicated phone support
- On-site installation startup assistance
- Complete Installation Services






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