SKYGARD/SKYSHADE 3700®
INSTALLATION OVERVIEW

EXTECH
EXTERIOR TECHNOLOGIES, INC.

© 2021 Extech / Exterior Technologies Inc.

TABLE OF CONTENTS

INTRODUCTION Page 3

SYSTEM OVERVIEW Page 4

STEP 1: Prepare for Installation Page 5

STEP 2: Perimeter Flashing Page 6

STEP 3: Perimeter Base Extrusions Page 7

STEP 4: Fasten Initial Rafter Page 8

STEP 5: Set Additional Rafters Page 9

STEP 6: Fasten to Supporting Structure Page 10

STEP 7: Install Glazing Panels Page 11

STEP 8: Pressure Caps Page 12

STEP 9: Finish Installing Glazing Page 13

STEP 10: Initial Perimeter Cover Caps Page 14

STEP 11: Gutters, Downspouts And Head Flashing Page 15

STEP 12: Cleaning And Maintenance Page 16

Care And Storage Page 16

Assistance Page 17

© 2021 Extech / Exterior Technologies Inc.

INTRODUCTION

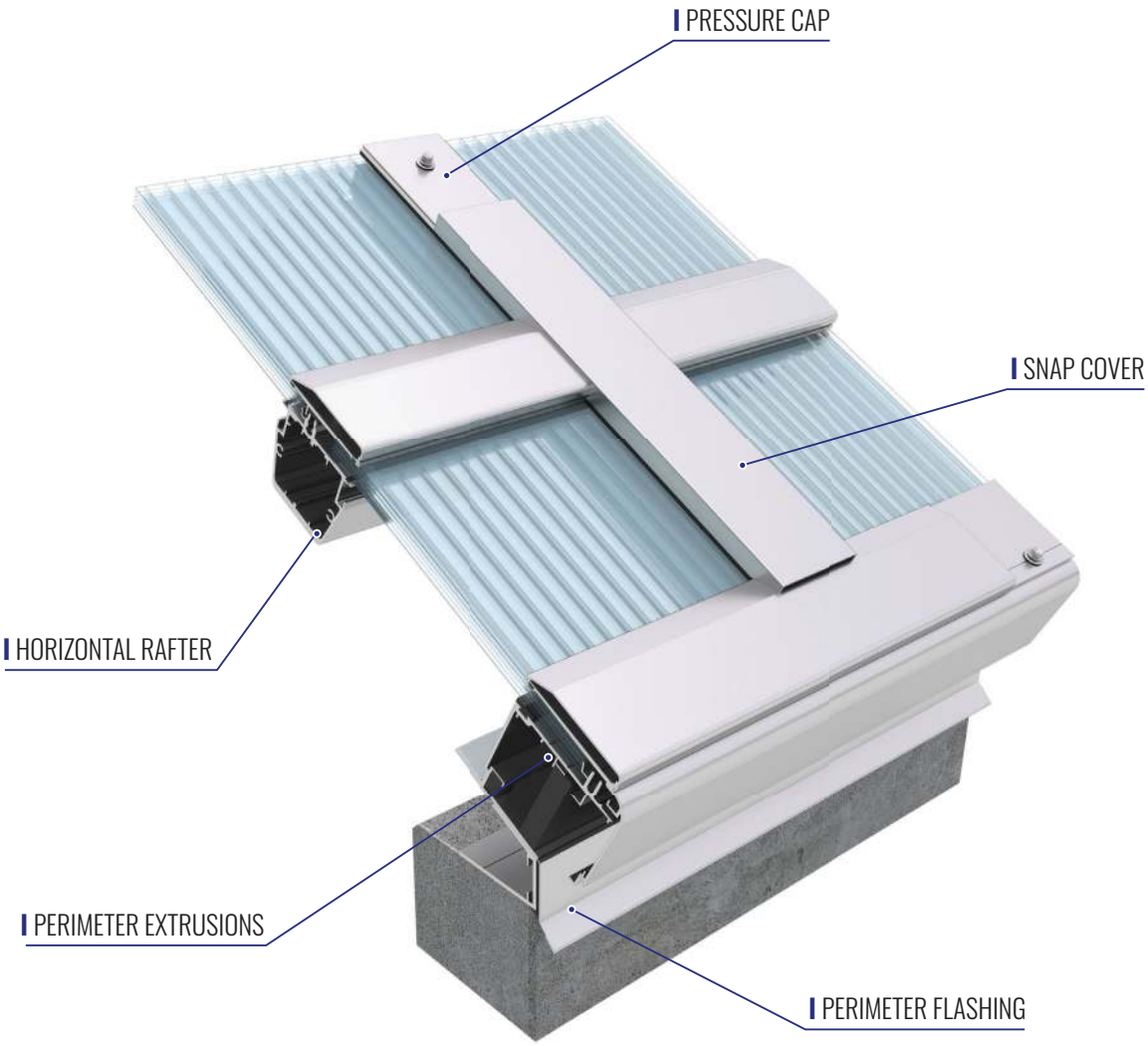
The 3700® system is an aluminum framed system, designed to be self-supporting and can span large openings. Specially designed for cellular polycarbonate, this system also accepts glass. Its unique stainless steel pin mounting system makes it incredibly easy for connection of horizontal to vertical framing.

These Instructions provide an overview of a typical 3700® 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***.

© 2021 Extech / Exterior Technologies Inc.

SYSTEM OVERVIEW



© 2021 Extech / Exterior Technologies Inc.

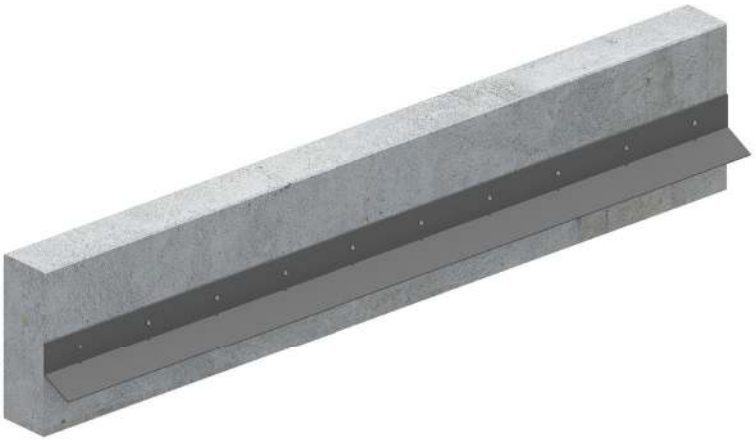
STEP 1: PREPARE FOR INSTALLATION

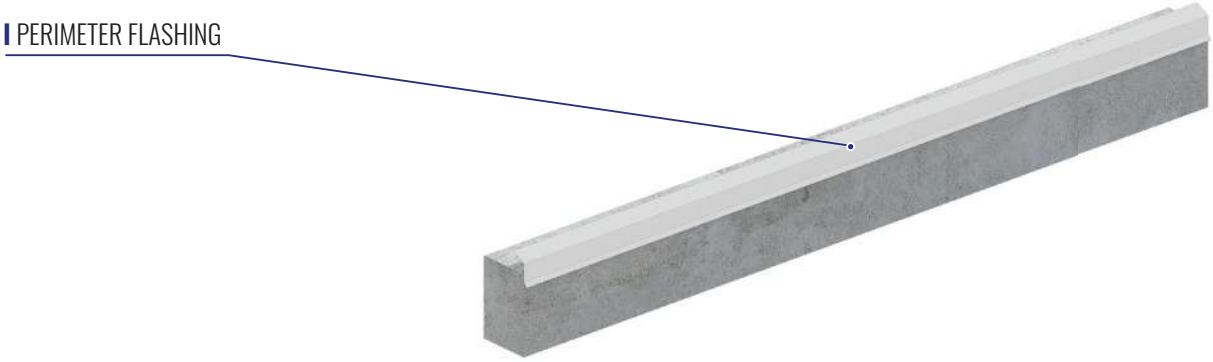
- Check the overall canopy or skylight layout against the steel supporting structure before starting the installation.
- Ensure that the opening is plumb, level, and square.

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.

© 2021 Extech / Exterior Technologies Inc.

STEP 2: INSTALL PERIMETER FLASHING

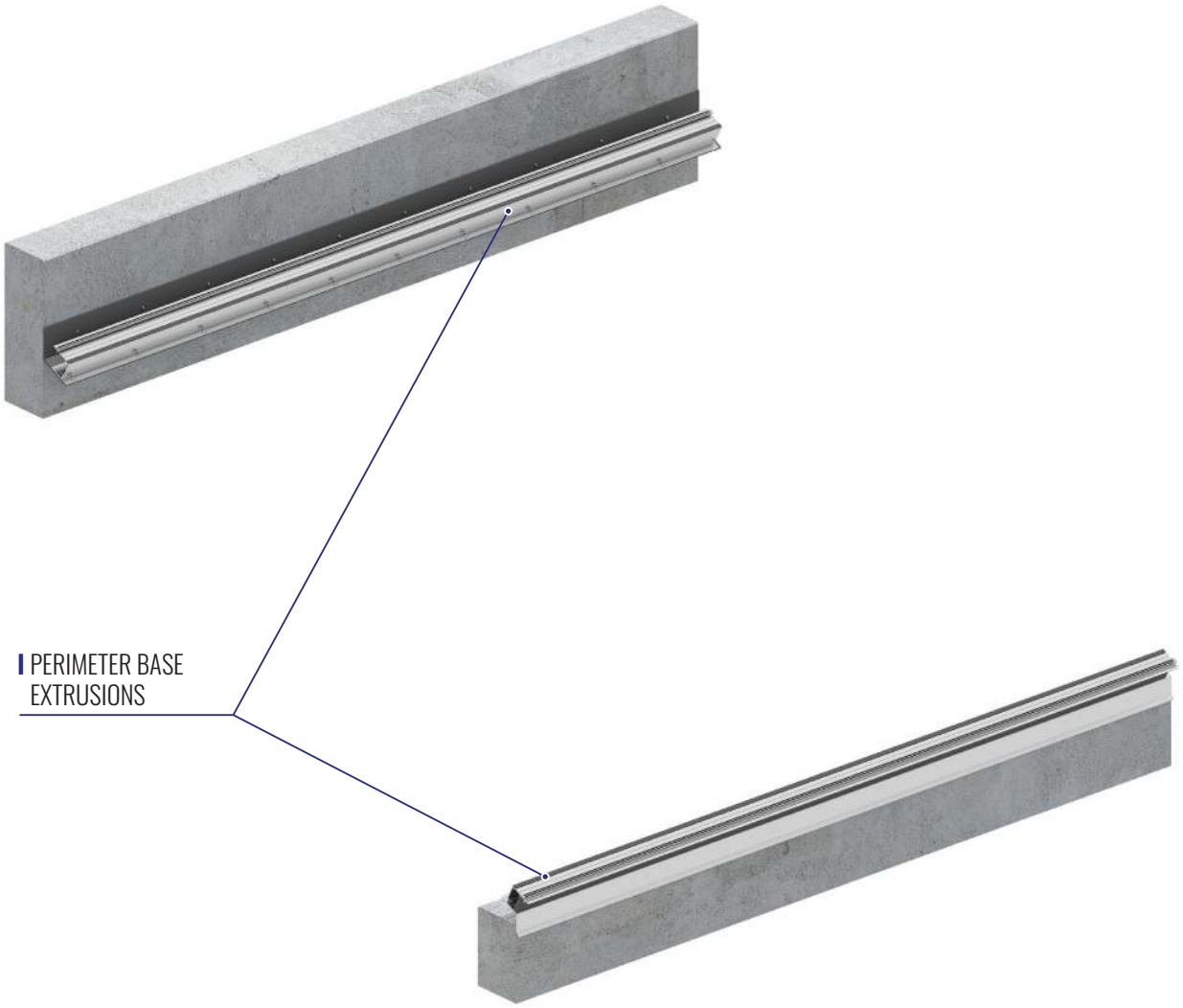




Note: Flashing requirements will vary based on application. Consult project specific installation instructions.

© 2021 Extech / Exterior Technologies Inc.

STEP 3: INSTALL PERIMETER BASE EXTRUSIONS

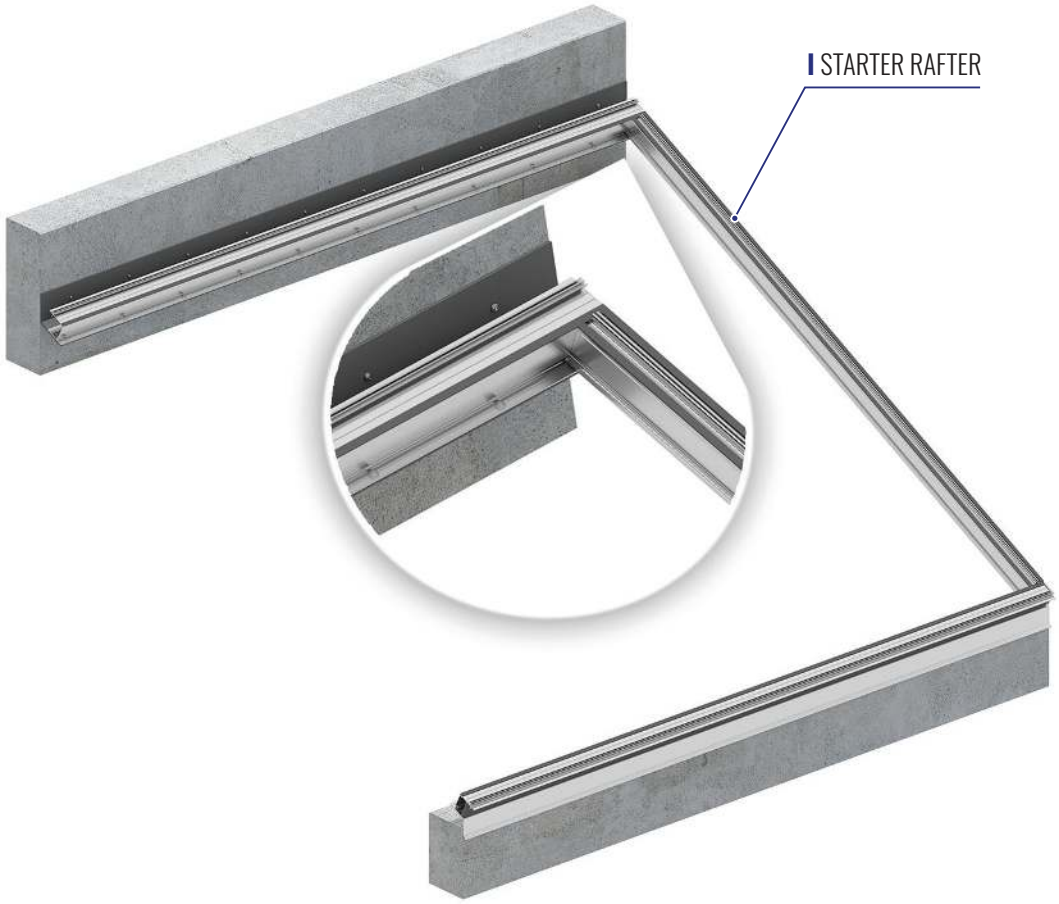


Note: A variety of perimeter extrusion options exist depending on the application. The install sequence may vary depending on the extrusions for your specific application.

© 2021 Extech / Exterior Technologies Inc.

STEP 4: FASTEN INITIAL RAFTER

- Fasten the first rafter to the perimeter extrusions as indicated on project installation instructions.



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

© 2021 Extech / Exterior Technologies Inc.

STEP 5: SET ADDITIONAL RAFTERS

- Set the second and third rafter in place by fastening it to the perimeter base extrusions at the pre-drilled locations.

© 2021 Extech / Exterior Technologies Inc.

STEP 6: FASTEN TO SUPPORTING STRUCTURE (IF APPLICABLE)

- Once the rafters are fastened to the perimeter framing, fasten them to any intermediate supporting structure if applicable.

Note: A variety of attachment options to the supporting structure are available. Please consult with Extech to discuss options.

© 2021 Extech / Exterior Technologies Inc.

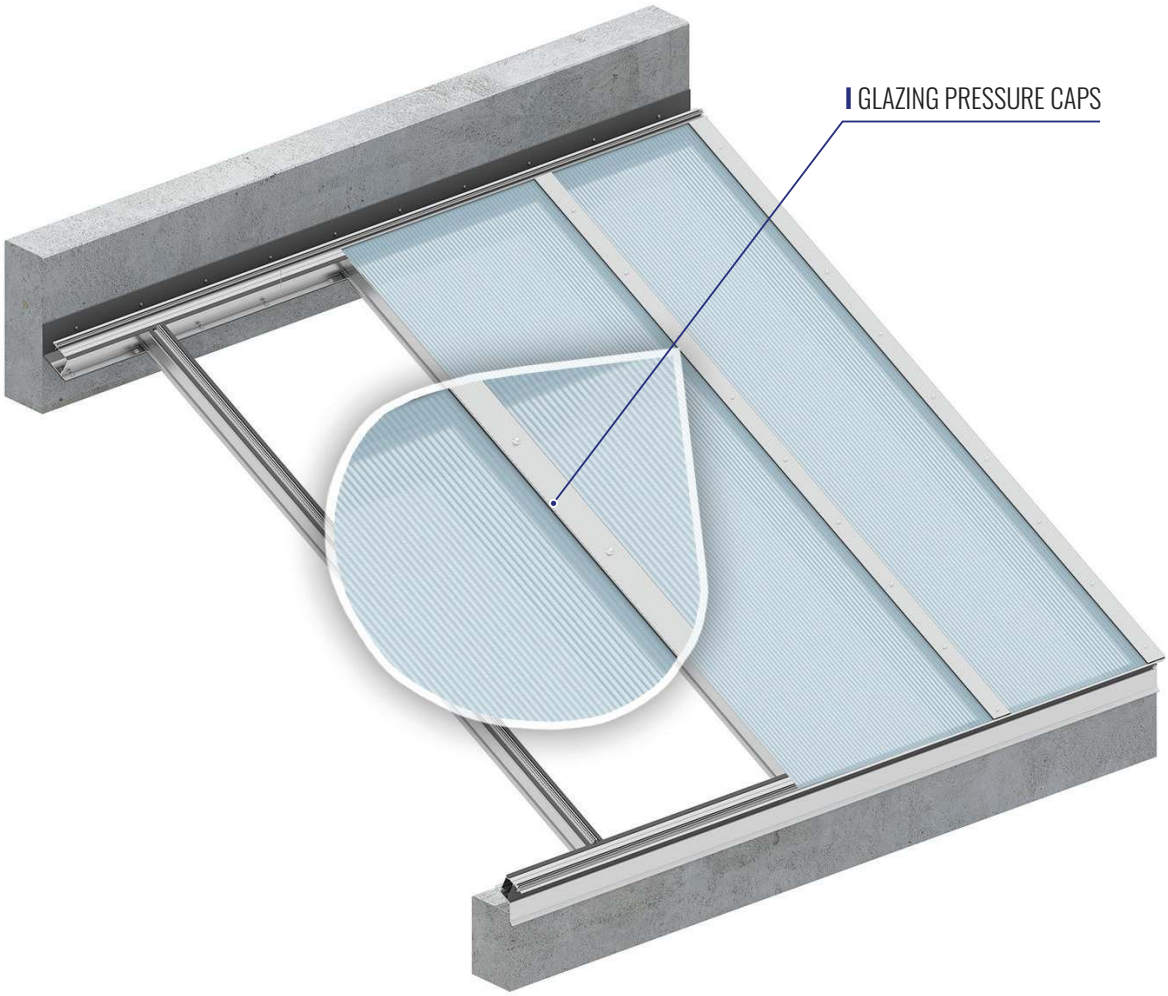
STEP 7: INSTALL GLAZING PANELS

- Install the first glazing panel between the first two rafters, centering them between the screw tracks.

© 2021 Extech / Exterior Technologies Inc.

STEP 8: PRESSURE CAPS

- Install pressure caps over the glazed rafters.



Note: Depending on the application, foam inserts or sealed joints may be required. consult project specific installation instructions.
Note: Install pressure caps prior to install the next glazing panel due to "reach" over the panel.

© 2021 Extech / Exterior Technologies Inc.

STEP 9: FINISH INSTALLING GLAZING

- Repeat steps 5-8 to install the remainder of the glazing and pressure caps.

© 2021 Extech / Exterior Technologies Inc.

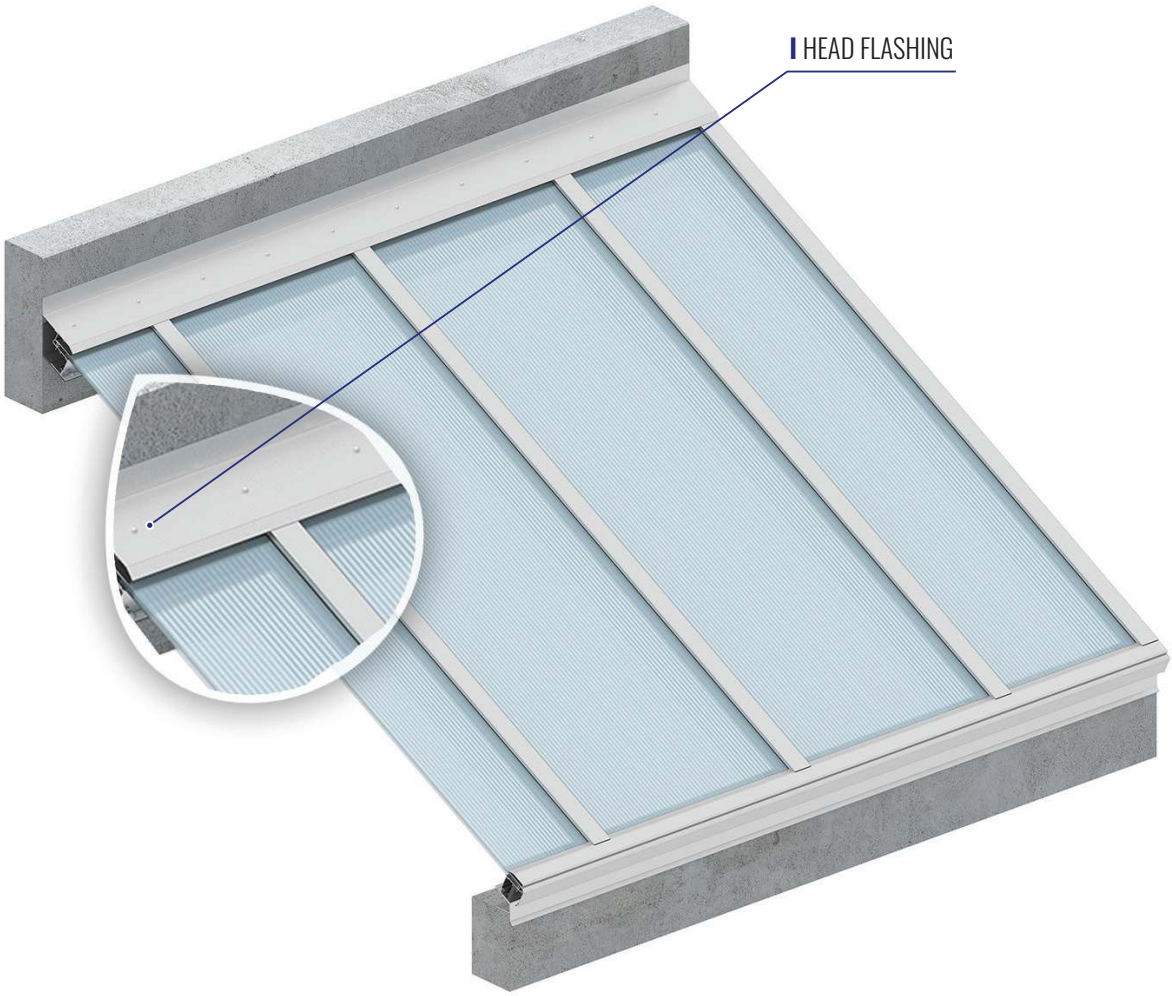
STEP 10: INSTALL PERIMETER COVER CAPS

Note: Cap seal all mitered corner joints.

© 2021 Extech / Exterior Technologies Inc.

STEP 11: GUTTERS, DOWNSPOUTS, AND HEAD FLASHING

- For canopy applications, install gutters, downspouts, and head flashing.



© 2021 Extech / Exterior Technologies Inc.

STEP 12: CLEANING AND MAINTENANCE

After Installation & 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.

Compatible Cleaning Agents:

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

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.

© 2021 Extech / Exterior Technologies Inc.

ASSISTANCE

If you need assistance, please call

1-800-500-8083

EXTECH can provide

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

© 2021 Extech / Exterior Technologies Inc.

EXTECH
EXTERIOR TECHNOLOGIES, INC.

EXTECH / Exterior Technologies, Inc.
200 Bridge St. Pittsburgh, PA 15223

Email: info@extechinc.com
Website: www.extechinc.com

Toll Free +1 800 500 8083
Local + 1 412 781 0991

Toll Free Fax +1 800 500 8012
Local Fax +1 412 781 9303

© 2021 Extech / Exterior Technologies Inc.