



STRUCTURAL SUPPORTS

It is recommended that all rafter centers be no greater than 24" and mullions required every 8ft down the slope.

Slope Distances - Maximum slope distances of up to 24 feet can be obtained using stock multiwall sheet.

SLOPE PITCHES OF 2/12 OR GREATER ARE REQUIRED!

This ensures proper drainage of water and prevents water from back-filling the cells which could cause condensation and the collection of debris.

ISOLATION BARRIER

Should be used where the system contacts dissimilar metals.

PRESSURE BARS AND SNAP CAPS

REQUIRED on every rafter to protect against wind uploading and to prevent sheet sagging.

SYSTEM ANCHORING

Adequate fasteners and spacing should be maintained to ensure the system will remain in place and carry the anticipated loads.

FASTENERS

It is recommended that at least a #9 x 1-1/2" self-sealing screw be used for the base extrusions and installed 1 per foot. Fasteners must be anchored through the base extrusions to the sub-structure to adequately accommodate snow and wind loads.

WEEP HOLES

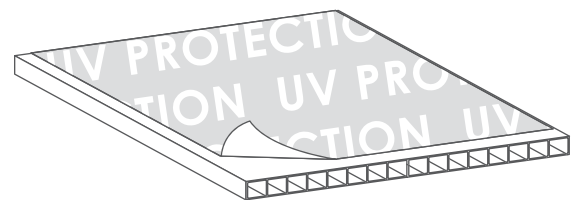
In order to provide for internal drainage, 3/16" weep holes are required at points where mullions intersect the sill.

GLAZING TAPE

1/16" x 3/4" glazing tape should be used below the perimeter of each multiwall sheet and below #3919 perimeter cap, as required, on top of structured sheet. 1/8" x 1/2" glazing tape should be used under all pressure caps (#1004, #4009) taking into account both edge surfaces.

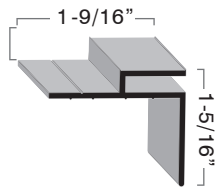
UV PROTECTED MULTI-WALL STRUCTURED SHEETS

The polycarbonate multiwall sheets have a protective film applied to both sides that must be removed before installation. Also, the film's graphics indicate which side of the multiwall sheet contains the UV Protection; which must be installed facing upwards to prevent the sheet from degradation and yellowing.

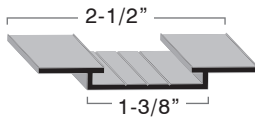


EXTRUSION DIMENSIONS

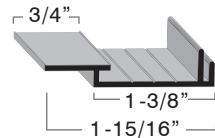
1000
SILL BASE



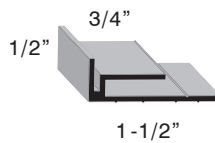
1001
MULLION
BASE



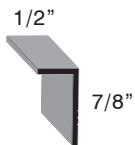
1002
JAMB BASE



1003
HEAD BASE

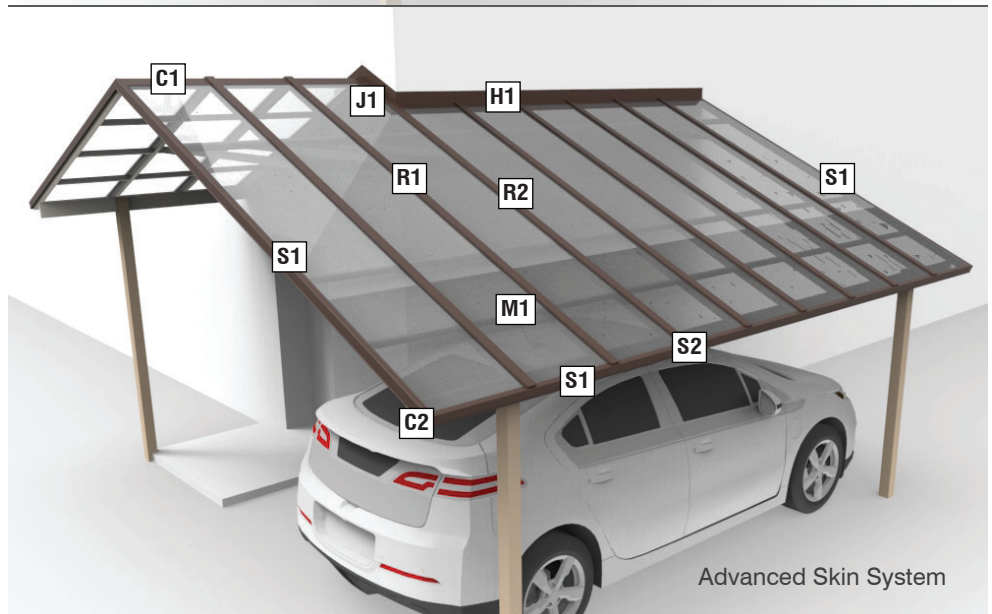
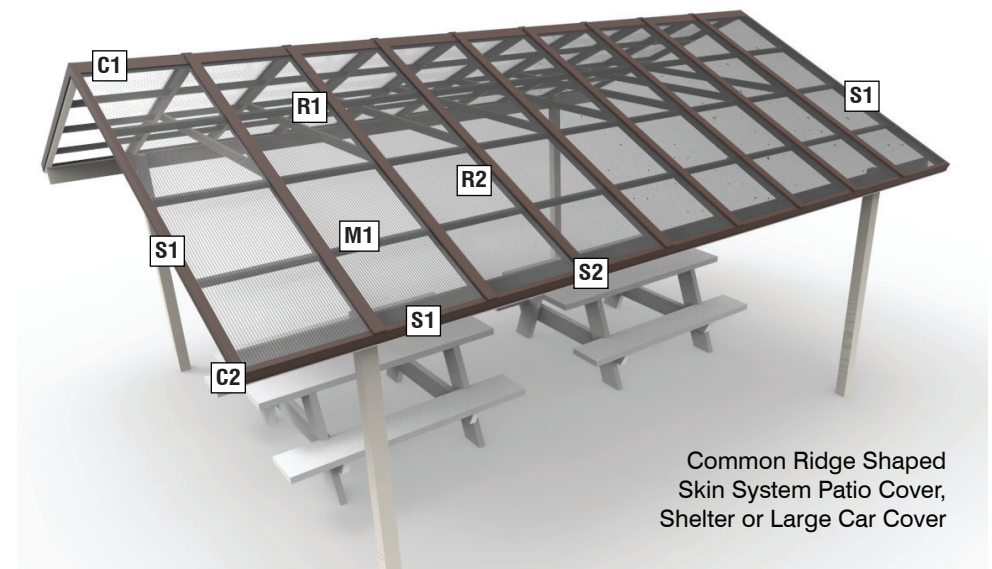
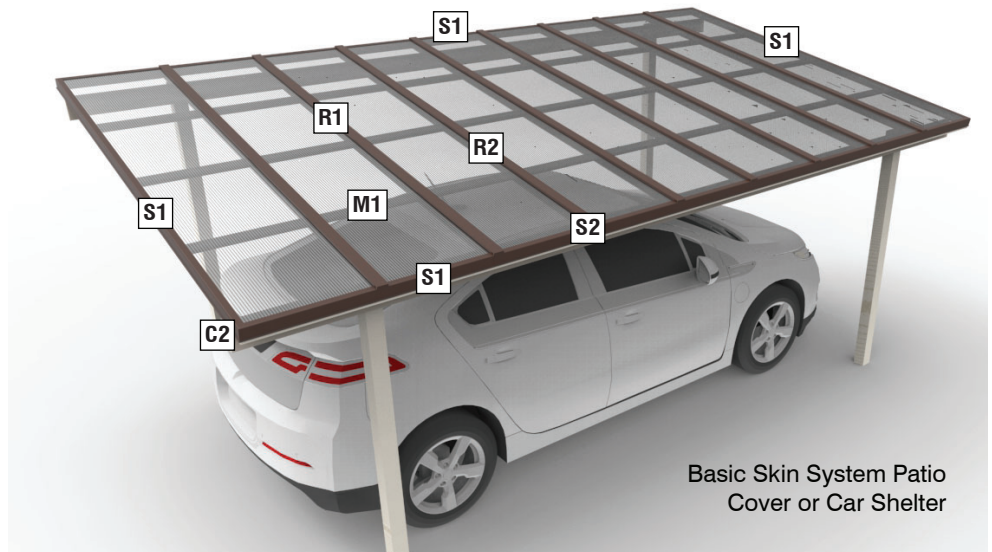
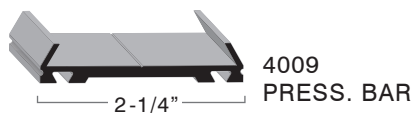
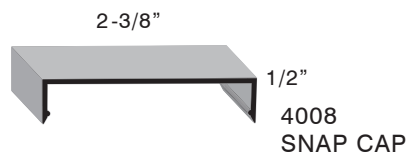
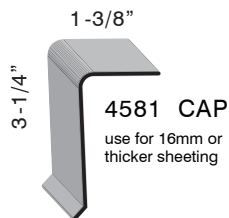
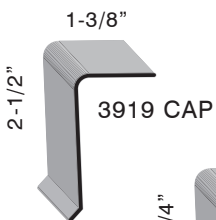


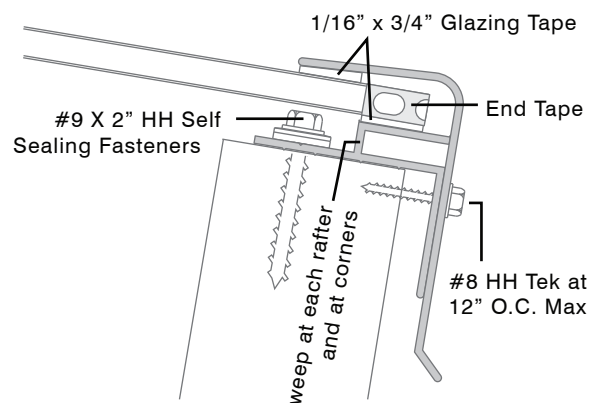
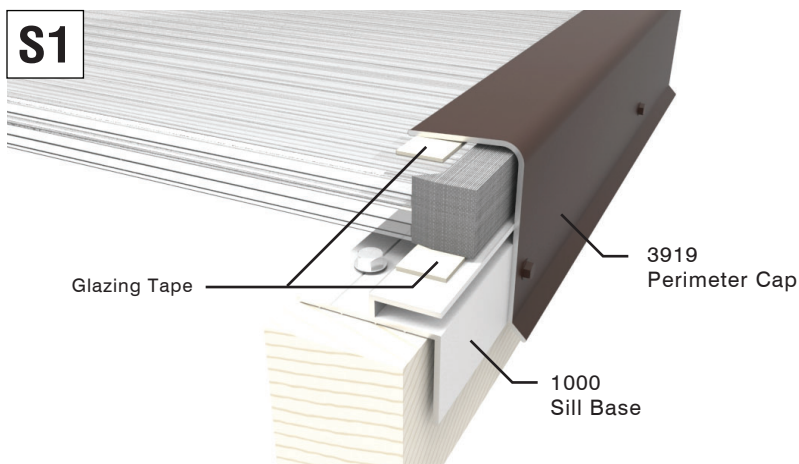
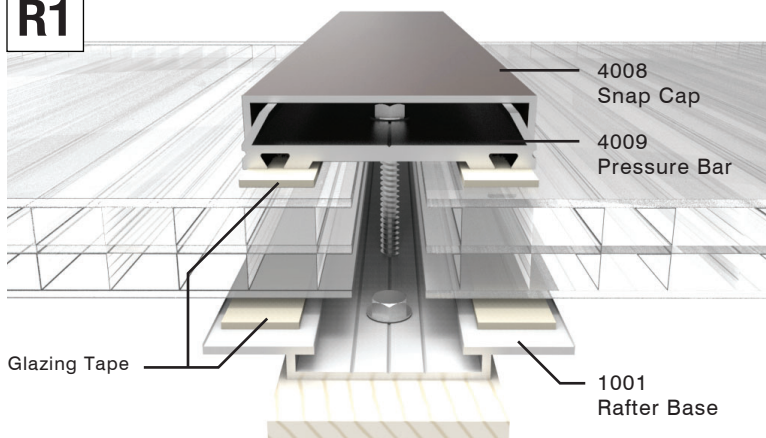
1005
ANGLE



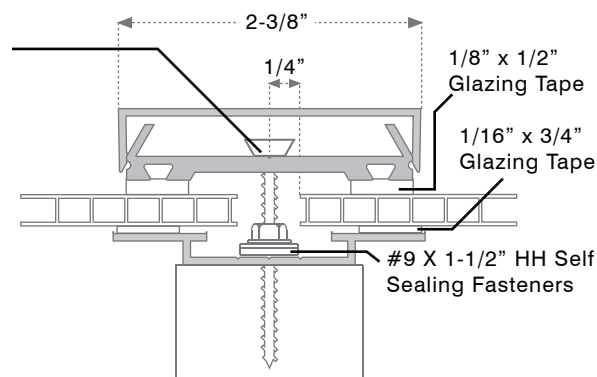
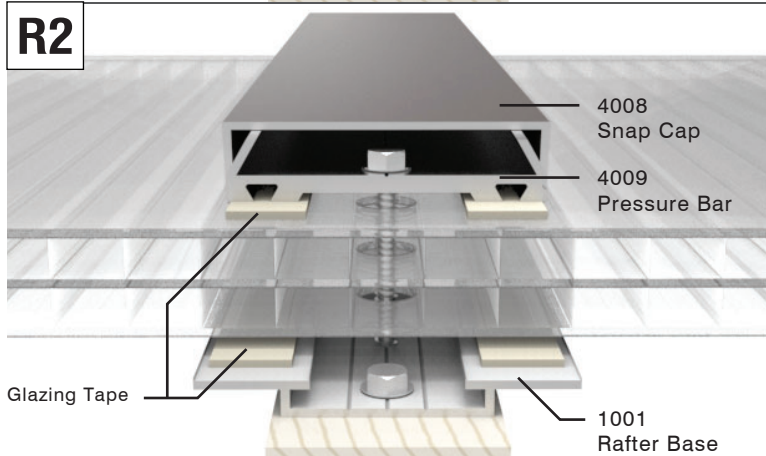
▲ **1000 - 1005 BASE EXTRUSIONS**
Recommended, but Optional.

▼ **EXTERIOR EXTRUSIONS
REQUIRED**

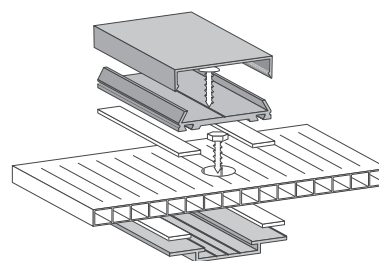
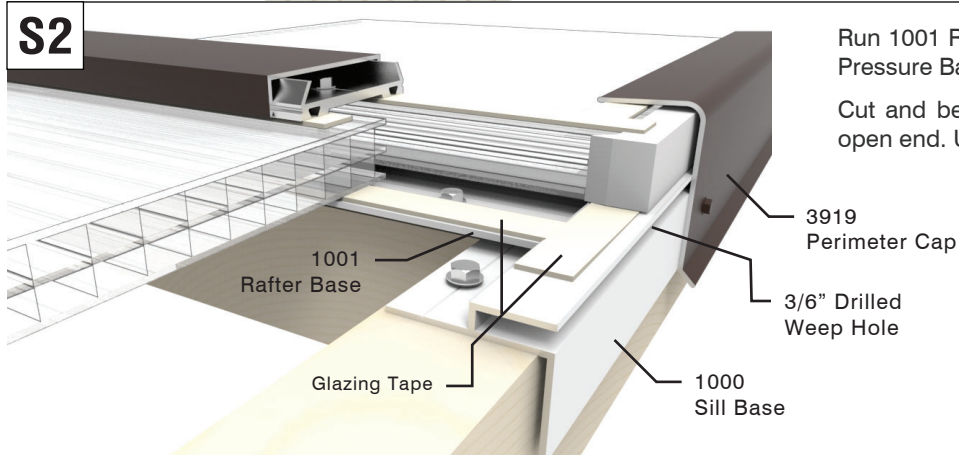


S1**R1**

Pressure Cap Fastener size
determined by sheet thickness
minimum one per foot

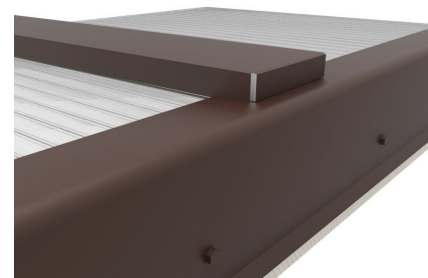
**R2**

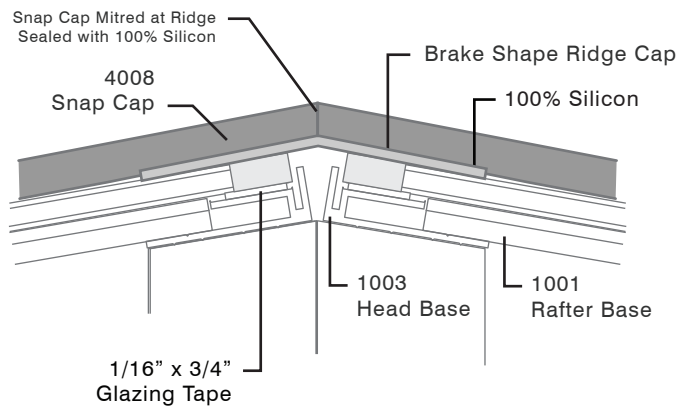
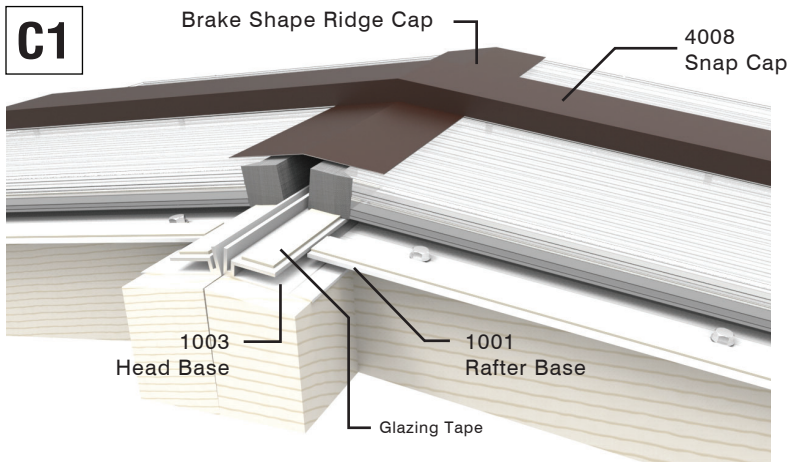
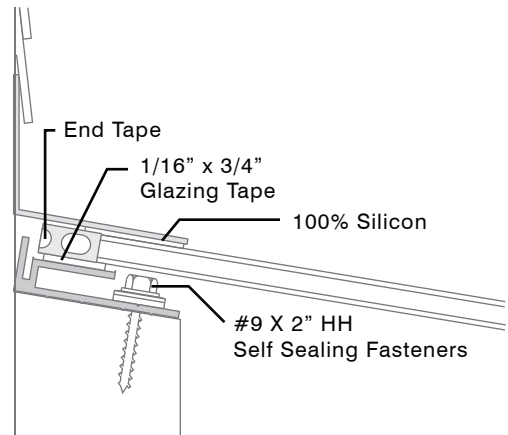
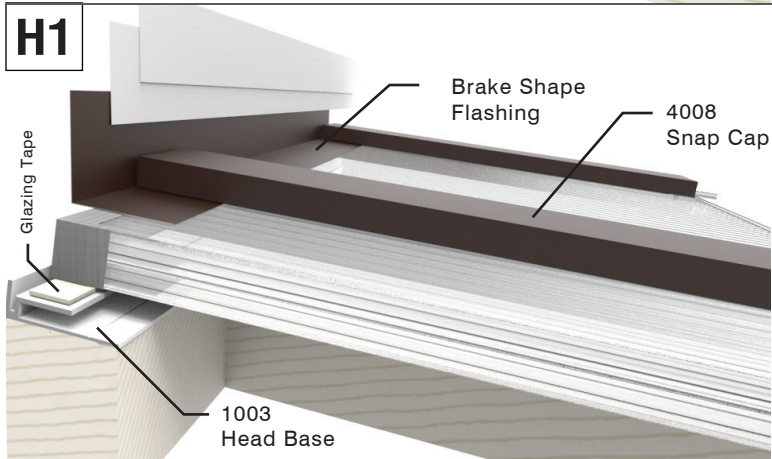
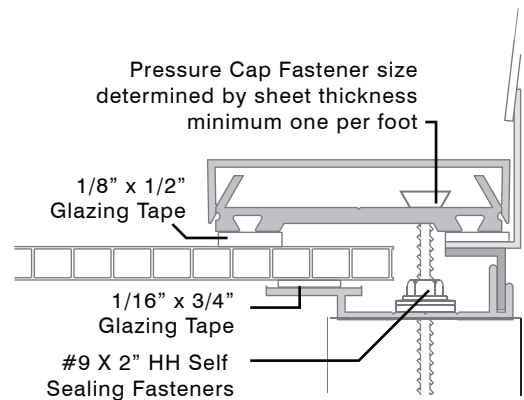
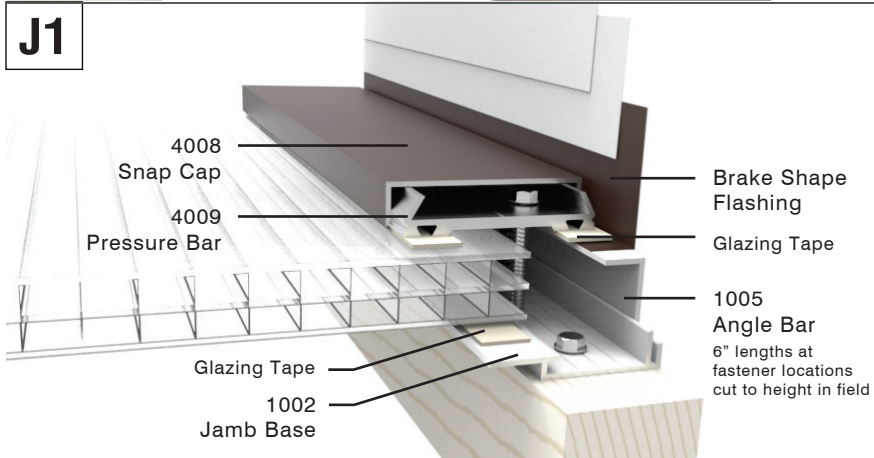
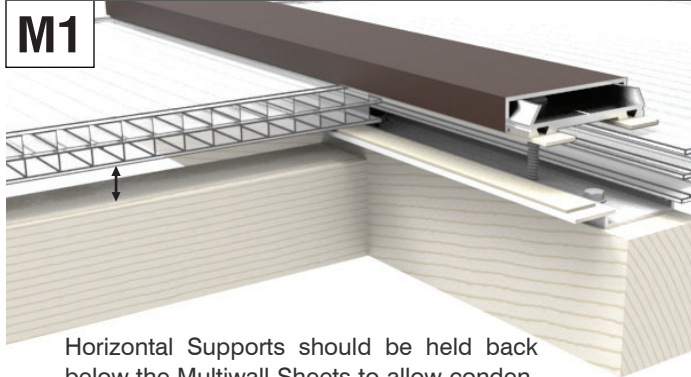
An oversized hole (~1/2") can be drilled through the structured sheet to allow for proper fastening where the sheet spans over a rafter.

**S2**

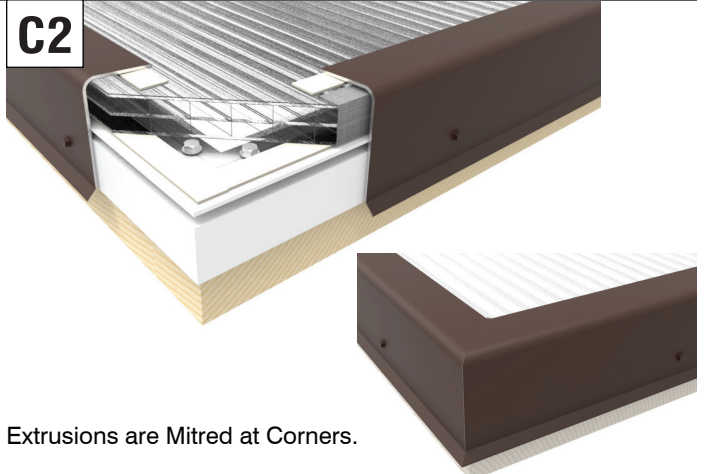
Run 1001 Rafter Bar over the Sill 1000 Bar. Also run the Pressure Bar and Snap Cap over the Perimeter Cap.

Cut and bend end of 4008 Snap Cap to close off the open end. Use 100% Silicon to seal.



C1**H1****J1****M1**

Horizontal Supports should be held back below the Multiwall Sheets to allow condensation to run down to the sill; but should be within 1" of the Sheets to limit maximum deflection.

C2

Extrusions are Mitred at Corners.

Dealer:

Date:

☐ Quote Only
☐ Dealer PO

Attn:

Phone:

Fax:

SKIN SYSTEM - PARTS & PIECES ORDER FORM

S1 SILL / PERIMETER PARTS



3919
Perimeter Cap

☐ white ☐ bronze ☐ clear

lengths: 18'

quantity: 

4581
Perimeter Cap
use for 16mm or
thicker sheeting

☐ bronze ☐ clear

lengths: 18'

quantity: 

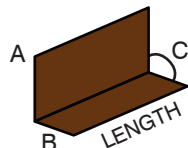
1000
Sill Base

color: white only

lengths: 8' 12' 16'

quantity:

H1 HEAD AT WALL PARTS



HEAD FLASHING
0.050" Aluminum

☐ white ☐ bronze ☐ clear

Lengths limited to 10 ft maximum.

	Item 1	Item 2	Item 3
Length	in.	in.	in.
A. Dimension	in.	in.	in.
B. Dimension	in.	in.	in.
C. Angle			
Quantity			



1003
Head Base

color: white only

lengths: 8' 12' 16'

quantity:

R1 RAFTER PARTS



4008
Snap Cap

☐ white ☐ bronze ☐ clear

lengths: 8' 12' 16' 24'

quantity: 

4009
Press. Bar

color: mill only

lengths: 8' 12' 16' 24'

quantity: 

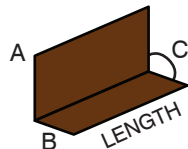
1001
Rafter Base

color: white only

lengths: 8' 12' 16' 24'

quantity:

J1 JAMB AT WALL PARTS



JAMB FLASHING
0.050" Aluminum

☐ white ☐ bronze ☐ clear

Lengths limited to 10 ft maximum.

	Item 1	Item 2	Item 3
Length	in.	in.	in.
A. Dimension	in.	in.	in.
B. Dimension	in.	in.	in.
C. Angle			
Quantity			



1005
Angle Bar

color: mill only

lengths: 6 inches

quantity: 

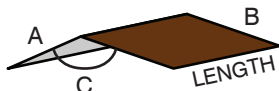
1002
Jamb Base

color: white only

lengths: 8' 12' 16' 24'

quantity:

C1 RIDGE PARTS



RIDGE CAP
0.050" Aluminum

☐ white ☐ bronze ☐ clear

Lengths limited to 10 ft maximum.

	Item 1	Item 2	Item 3
Length	in.	in.	in.
A. Dimension	in.	in.	in.
B. Dimension	in.	in.	in.
C. Angle			
Quantity			



1003
Head Base

color: white only

lengths: 8' 12' 16'

quantity:

MISC. ITEMS

Breathable End Tape - per foot	
1/16" x 3/4" Glazing Tape - 150 ft. per roll	
1/8" x 1/2" Glazing Tape - 75 ft. per roll	
#9 x 2" Screws w/ Seal Washer - per 100 [<input type="checkbox"/> bronze <input type="checkbox"/> plain]	
#10 x 1-3/4" SS SMS FH Phil - per 100	
#10 x 3" SS SMS FH Phil - per 100	
#8-18 x 1/2" TEK Screw - per 100 [<input type="checkbox"/> bronze <input type="checkbox"/> plain <input type="checkbox"/> white]	

Crystalite
Inc.

SKYLITES • SUNROOMS • RAILINGS

Estimated Dealer Cost
quote good for 30 days

5 OF 6

Dealer:

Date:

☐ Quote Only
☐ Dealer PO

Attn:

Phone:

Fax:

SKIN SYSTEM - MULTIWALL SHEETS ORDER FORM

MULTIWALL STOCK & CUSTOM SIZE SHEETS (polycarbonate)

Item	Thickness	Color	Blown/Taped	Stock Sizes - Indicate Quantity				Custom Sizes			Dealer Cost
				4x8	4x12	4x16	4x24	Width	Length	QTY	
1	<input type="checkbox"/> 6 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 16 mm <input type="checkbox"/> 25 mm	<input type="checkbox"/> Clear <input type="checkbox"/> Bronze <input type="checkbox"/> Opal	<input type="checkbox"/> Yes <input type="checkbox"/> No								
2	<input type="checkbox"/> 6 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 16 mm <input type="checkbox"/> 25 mm	<input type="checkbox"/> Clear <input type="checkbox"/> Bronze <input type="checkbox"/> Opal	<input type="checkbox"/> Yes <input type="checkbox"/> No								
3	<input type="checkbox"/> 6 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 16 mm <input type="checkbox"/> 25 mm	<input type="checkbox"/> Clear <input type="checkbox"/> Bronze <input type="checkbox"/> Opal	<input type="checkbox"/> Yes <input type="checkbox"/> No								
4	<input type="checkbox"/> 6 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 16 mm <input type="checkbox"/> 25 mm	<input type="checkbox"/> Clear <input type="checkbox"/> Bronze <input type="checkbox"/> Opal	<input type="checkbox"/> Yes <input type="checkbox"/> No								
5	<input type="checkbox"/> 6 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 16 mm <input type="checkbox"/> 25 mm	<input type="checkbox"/> Clear <input type="checkbox"/> Bronze <input type="checkbox"/> Opal	<input type="checkbox"/> Yes <input type="checkbox"/> No								
6	<input type="checkbox"/> 6 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 16 mm <input type="checkbox"/> 25 mm	<input type="checkbox"/> Clear <input type="checkbox"/> Bronze <input type="checkbox"/> Opal	<input type="checkbox"/> Yes <input type="checkbox"/> No								
7	<input type="checkbox"/> 6 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 16 mm <input type="checkbox"/> 25 mm	<input type="checkbox"/> Clear <input type="checkbox"/> Bronze <input type="checkbox"/> Opal	<input type="checkbox"/> Yes <input type="checkbox"/> No								
8	<input type="checkbox"/> 6 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 16 mm <input type="checkbox"/> 25 mm	<input type="checkbox"/> Clear <input type="checkbox"/> Bronze <input type="checkbox"/> Opal	<input type="checkbox"/> Yes <input type="checkbox"/> No								
9	<input type="checkbox"/> 6 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 16 mm <input type="checkbox"/> 25 mm	<input type="checkbox"/> Clear <input type="checkbox"/> Bronze <input type="checkbox"/> Opal	<input type="checkbox"/> Yes <input type="checkbox"/> No								
10	<input type="checkbox"/> 6 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 16 mm <input type="checkbox"/> 25 mm	<input type="checkbox"/> Clear <input type="checkbox"/> Bronze <input type="checkbox"/> Opal	<input type="checkbox"/> Yes <input type="checkbox"/> No								

Crystalite Breathable End Tape should be used on both ends to prevent the build-up of debris while allowing moisture to escape.

