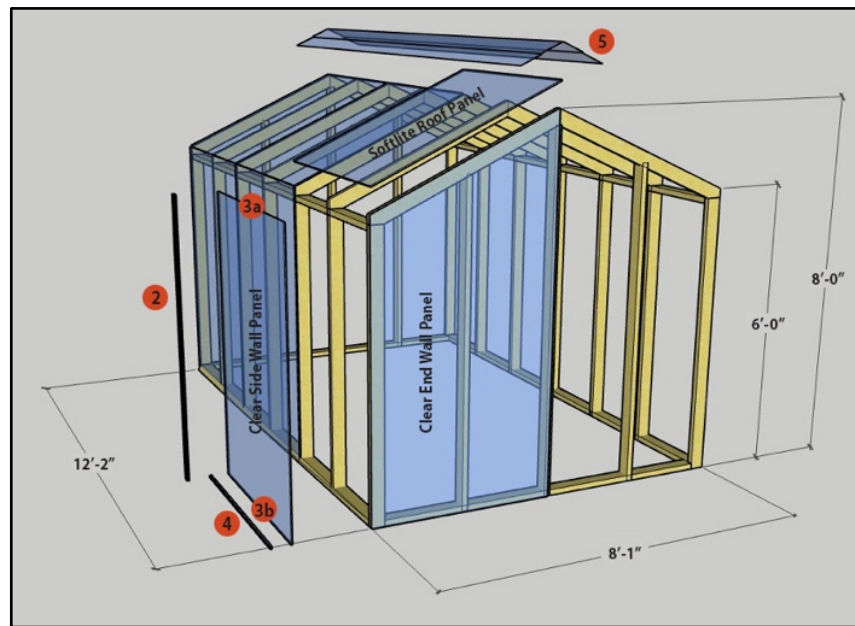


Multiwall polycarbonate is an ideal covering for a greenhouse. Panels are available in many sizes and colors to meet specific design requirements. Below is a product checklist for sizing a greenhouse and ordering material.

1. **Clear and Softlite** are common colors used for greenhouse panels.
 - a. **Clear** offers the most light transmittance and clarity. (Note: Multiwall flutes distort views.)
 - b. **Softlite** diffuses light while still maintaining high light transmittance.
 - c. This diffusion feature limits hot spots and prevents plant burn.
2. **Polycarbonate H-Profiles** or **Aluminum Base and Cap** are used to join two polycarbonate panels together. (Drawing shows H-profile)
 - a. H-profiles and Base and Cap add to the overall width.
 - b. Panels will not butt up to each other. Plan for a 1/2" to 1" gap.
 - c. Order panels at 47.25" wide or size your structure accordingly.
 - d. Drawing shows structure length at 12'-2" for this reason.
3. **Sealing Tapes** help keep dust, bugs, and water out of the panel's flutes.
 - a. Use solid aluminum tape to seal off the top end of the panel.
 - b. Seal the bottom end of the panel w/vent tape for moisture drainage.
4. **Polycarbonate** or **Aluminum U-Profiles** are used to cap panel ends.
 - a. Make sure to drill weep holes to allow condensation to escape.
 - b. Note: Aluminum U-profiles fit snug. Tapes are not required.
5. **Polycarbonate Ridge Cap** is used to cover the roof ridge.
6. **Gasketed Wood Screws** should be used to attach the panels, H-profiles, and the polycarbonate ridge cap.
 - a. Pre-drill all holes to allow for seasonal expansion/contraction.
 - b. Use large washers (3/4" or greater is recommended)
7. Panels can be cut using a circular saw with a fine-tooth blade. (Plywood blade or one for cutting plastic laminate works best.)
8. For more info, please see [multiwall technical and install guide](#).

The chart offers an example of the panels and install components typically needed to cover an approximate 12' x 8' greenhouse.

If you have any questions, please call 765-560-3872 or send an email to info@duralightplastics.com. We would be happy to help!



The drawing above is for visual reference only.

PART	LOCATION	QUANTITY	SIZE
8mm THERMOCLEAR™ 15 - Softlite	Roof	6	48" x 48"
8mm THERMOCLEAR™ 15 - Clear	Side Walls	6	48" x 72"
8mm THERMOCLEAR™ 15 - Clear	End Walls (Cut angle on-site)	4	48" x 96"
8mm Polycarbonate H-Profile*	Roof	4	48"
8mm Polycarbonate H-Profile*	Side Walls	4	72"
8mm Polycarbonate H-Profile*	End Walls	2	96"
8mm Polycarbonate H-Profile*	Sheet Ends	32	48"
24" Polycarbonate Ridge Cap*	Ridge	3	60"
1" Vent Tape	Bottom Sheet End	1	110'
1" Solid Aluminum Tape	Top Sheet End	1	150'
Wood Screws w/.75" Gasket	For Attaching Sheets	100	#12 x 1.5"

**Parts marked with an asterisk are only available in clear. This list of materials is meant as a guideline only.*