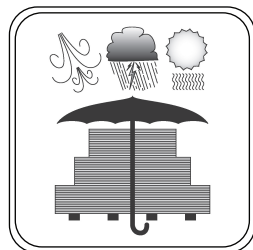
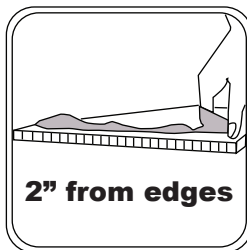


# POLYCARBONATE MULTIWALL SHEET



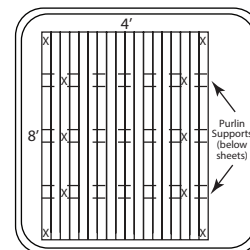
## HANDLING & STORAGE:

Stack short sheets on top of longer ones. Store sheets in a cool and dry place out of direct sunlight. To prevent solar heat buildup, avoid covering the stack of sheets with a dark tarp or other heat absorbing material.



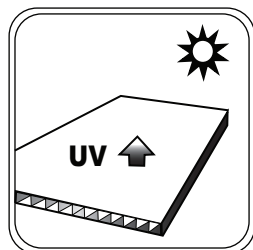
## REMOVING FILM:

Remove approximately 2 inches of film from sheet edges before installing. Remove all film immediately after sheet installation is complete.



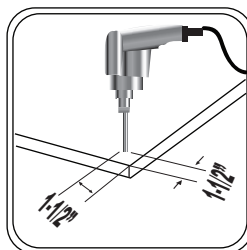
## INSTALLATION:

Use H-Channel to connect two sheets. Fasten supports at all four corners 1 1/2" from edges. At purlin supports, fasten 6" from edge. When cold bending, min. radius is 41" for 6mm / 110" for 16mm. Bend sheet longitudinally, never across sheet width. Flutes must run on at least a 2/12 pitch. Maximum purlin spacing is 24" 6mm / 36" 16mm. Do not walk on sheets at any time.



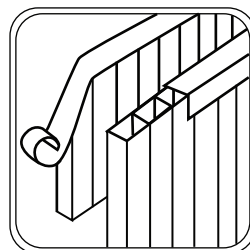
## THIS SIDE UP:

The UV-protected side of the sheet is covered with printed film and must face towards the sun.



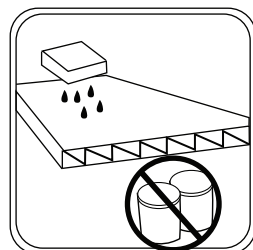
## DRILLING:

Use only new or sharply ground steel or carbide tipped drills. The diameter of drilled holes must be 50% larger than the screws diameter to allow for thermal expansion, providing enough space to allow for seasonal temperature fluctuation.



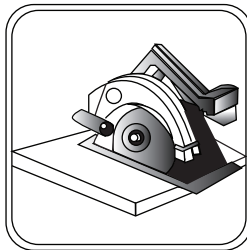
## END CLOSURE:

Structured polycarbonate sheets must always be installed with ribs positioned vertically. Seal ends with anti-dust tape and a U channel. Drill weep holes every 12" with a 1/8" drill bit to allow condensation to drain out the bottom of the U channel.



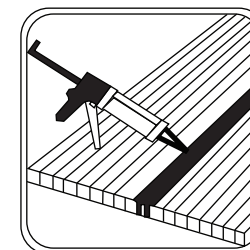
## CLEANING:

Normal dirt and dust accumulation is washed off by periodical rains. Regular rinsing of the sheets with clean lukewarm water is sufficient in dry areas. Mild household detergent may be used with a soft rag. Never use aggressive or abrasive cleaning agents or glass window cleaners; they can chemically attack the sheets.



## CUTTING:

Masking film should remain on the sheet to prevent scratching. Utility knives can be used to cut. Sheets should be clamped for hand saw cutting to prevent vibration. Sheets can be cut with a circular saw using carbide triple-chip fine tooth panel blades. Remove dust from the surface with compressed air or a vacuum.



## SILICON SEALANTS:

Use silicon as a sealant. Other caulking or sealants may attack sheets. Check silicon product label to insure compatibility. 100% silicone is compatible with polycarbonate.

## WARRANTY:

Duralight warrants the initial purchaser that, for a period of 10 (ten) years from the date of original purchase, THERMOCLEAR™ Polycarbonate Multiwall Sheets will not undergo a loss in light transmission in excess of 15% (fifteen percent) in comparison with the original value when tested in accordance with ASTM D 1003 (95); will not undergo a change in excess of 15 (fifteen) delta in comparison with the original yellow index value when tested in accordance with E 313-73.

It is important to note that Duralight sheets are protected on one wide with a special weathering Ultra-Violet (UV) radiation prevention treatment. This protected side must be installed on the exterior side of the installation for warranty to be in effect. For warranty claims, send original receipt, labels, and copy of warranty. Warranty applies only to sheets stored, installed, cleaned, and maintained in accordance with Duralight recommendations.



www.duralightplastics.com