

# Multiwall Polycarbonate

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Multiwall polycarbonate sheets are an effective alternative to traditional glazings in a wide variety of applications including:

- Patio Coverings | Room Dividers
- Shower Doors | Carports
- Pool Enclosures | Office Partitions
- Covered Walkways | Sidelites
- Hobby Greenhouses
- Dog Kennels | Skylights
- Sunrooms | Window replacement
- Pergolas | Vertical Glazings



Standard Colors: Clear, Opal, and Bronze

## HIGH QUALITY POLYCARBONATE PANELS

Perfect for home, garden, and do-it-yourself projects!

High Light Transmission  
virtually unbreakable  
easy to install

Lightweight  
Durable  
ECONOMICAL



You can do it. We can help.™

## HIGH QUALITY POLYCARBONATE PANELS



Convert your project ideas into reality!



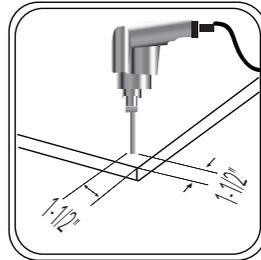
# Multiwall Polycarbonate

## High quality polycarbonate panels



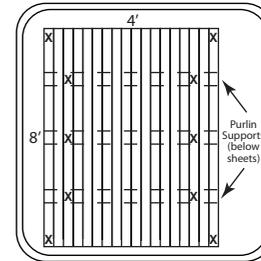
### STORAGE & HANDLING:

- Store sheets in a cool and dry place.
- Do not stack sheets covered or uncovered in direct sunlight.
- If left in sun, protective film on sheet may become difficult to remove.
- Stacking may cause sheets to heat up and distort.
- Avoid putting panels in direct contact with cements or paints.



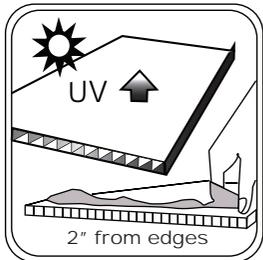
### DRILLING & SCREWING:

- Use only new or sharply ground steel or carbide tipped drills.
- Pre-drill fixing holes by at least 5/64" larger than screw for expansion.
- Use 3/4" neoprene bonded washers.
- Recommended Screws and Washers:
  - Wood: #10 2" Sharp Tip w/.75" washer
  - Treated Wood: #12 2" Pan head w/.75" washer
  - Steel: #12 1.5" Self-Drill w/.75" washer
  - Aluminum: #12 1.5" Self-Drill w/.75" washer



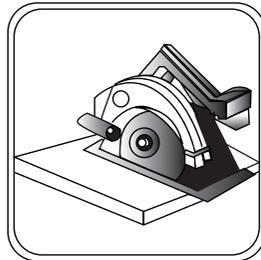
### INSTALLATION:

- Use H-Channel to connect two sheets.
- Fasten all four corners 1 1/2" from edge.
- At purlin supports, fasten 6" from edge.
- Max purlin spacing: 25" 6mm/36" 16mm.
- Do not walk on sheets at any time.



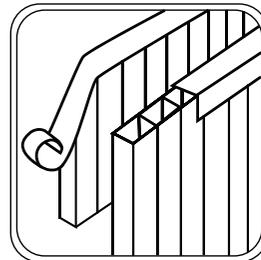
### PROTECTIVE FILM:

- The UV-protected side of sheet is covered with a printed film.
- The UV-protected side must face towards the sun.
- UV-protection ensures panels will not yellow or weaken from exposure.
- Remove 2" of film from edges before installing. After install is complete, remove all film immediately.



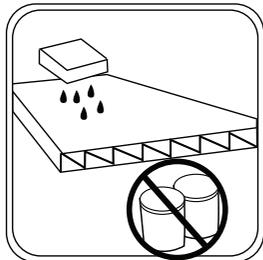
### SAWING:

- Keep masking on the sheet to prevent scratching.
- Sheets cut with fine-toothed band saw or circular saw with fine tooth blades.
- Utility knives can also be used to cut.
- Clamp sheets to prevent vibration.
- Remove powder or debris from surface with compressed air/vacuum.



### END CLOSURE:

- Seal ends with anti-dust tape and a U-Channel.
- Drill holes every 12" with a 1/8" drill bit to allow condensation to drain out.



### CLEANING:

- Normal dirt and dust is washed off by periodical rains.
- Regular rinsing of sheets with clean lukewarm water is recommended.
- Mild household detergent may be used with a soft rag.
- Never use aggressive, abrasive, or glass window cleaners.

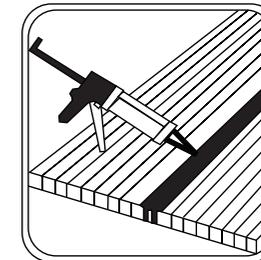


### BENDING:

- Bend sheet longitudinally, never across sheet width.
- To avoid excess panel stress, do not bend sheet past minimum diameter.
- Minimum radius: 41" 6mm/110" 16mm.

### SLOPE:

- Minimum slope of 2:12 pitch is required to ensure proper drainage.
- Flutes must run downward .



### CHEMICAL RESISTANCE:

- Use only 100% silicone.
- Do not put polycarbonate in contact with PVC.
- Polycarbonate is generally unaffected by acids, alcohol, glycols, mineral oil, animal and vegetable fats, kerosene, and non-abrasive cleaners.
- Call for complete list of chemicals.

You can do it. We can help.<sup>SM</sup>