



# CLEAR STRENGTH™

Truly clear hurricane panels



## Technical Bulletin:

# Clear Strength™ Truly Clear Hurricane Panels

### Technical Data & Test Results

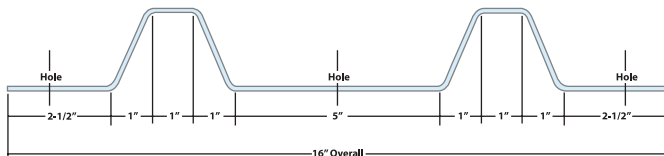
- 100% Proprietary Polycarbonate Resins
- Passes Florida Building Code, Florida Product Approval # 6644R2, meets ICC regulations and Texas Department of Insurance – Product Evaluation SHU 134
- UV Stable with accelerated weathering
- Passes ASTM E 1886 and ASTM E 1996 Large Missile Impact and Windborne Debris
- Passes ASTM E 1886 Cyclic Wind Loading Testing
- Passes ASTM E 330 Static Wind Load Testing
- Exceeds Smoke Density Test ASTM D 2843
- Exceeds Rate of Burn Test ASTM D 635
- Exceeds Self Ignition Test ASTM D 1929

### Allowable Design Pressure

Panel Height	PSF	Clear Strength panels are 40% stronger than most other clear panels in Allowable Design Pressure.
60"	132	
80"	87	
100"	62	
120"	45	

### Packaging:

- Panel Widths: 16", 24", 32" and 48" (.4, .8 and 1.2 m)  
Length: 12' (3.65 m)  
Approximately 2,400 square feet per pallet (223 square meters)



### Description:

- Exceptionally Clear Hurricane Panels using proprietary polycarbonate resins
- Each panel contains a special viewing section 5" wide
- Available in 16", 24", 32" and 48" wide panels, 12' long
- Can be installed horizontally or vertically up to 10' wide to protect openings
- Able to be direct mounted and mounted with "F" tracks
- Numerous fasteners approved including Panelmates, Tapcons, etc

### Features & Benefits

- Outstanding clarity ..... Able to see through without distortion and let light in
- Special wide viewing section in the clear panel ..... Clearly see objects and scenes
- 30% Lighter than most other clear panels ..... Easier to lift and install the hurricane panels
- 40% stronger than most other clear panels in Allowable Design Pressure ..... Able to withstand wind speeds of over 200 m.p.h.
- Florida Building Code Approved, Texas Dept of Insurance ..... Protection from hurricanes & storms
- 12 Year Warranty ..... Clear panels will provide impact resistance & resist yellowing and cracking (see full warranty for details)
- Less overlap versus most other clear panels ..... Saves money, uses less material
- Security ..... Harder for burglars to break in



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