



lastre alveolari di policarbonato con protezione U.V.

multiwall U.V. protected polycarbonate sheets

planchas de policarbonato alveolar protegido U.V.

plaques alvéolaires protégées U.V.

16mm / 25mm RDC Clear Storm Panel

“A positive alternative to plywood for Storm Protection”

• Polycarb® clear panels are constructed of polycarbonate which is vastly superior to other products made of polypropylene. Polycarbonate is significantly stronger, lighter, clearer, and allows greater light filtration compared to polypropylene products.

- Florida Building Code Approved, Dade County Approval Pending, and Texas Department of Insurance approved
- 200 Times stronger than glass
- Allows natural light into your home
- Provides some outside visibility
- Light Weight - over 60% lighter than standard plywood
- 4' x 8' Polycarb® clear panel weighs approximately 16 lbs versus 84 lbs for 5/8" plywood
- One piece installation
- Reusable
- Easy Installation - Panels can be easily cut and drilled for a custom fit
- Available in 4' x 8' or 4' x 6' sheets
- UV Rated for a long service life
- Excellent Fire Ratings
- 10 year limited warranty - Polycarb® 16mm/25mm RDC panel has a limited warranty by dott.gallina to the end user against weathering and breakage for 10 years. Visit www.gallinausa.com/polycarbonate.warranty.html to see warranty.

3) Pre-drill 3/8" holes as shown in Figure "A" (48" x 96" panel). Begin your holes 6" from the end of the panel on the 48" side and space them equally @ 18" on center using a 1" reveal (1" from edge of panel). Begin your holes 6" from the end of the panel on the 96" side and space them equally @ 14" on center. On the other size panels, start with your holes 6" from the corner and equally space them according to the above maximum anchor spacing of 18" (fluted sides) and 14" (non fluted sides).

Step 4 is necessary to comply with Florida Building Code Approval #FL5723

4) Insert the fiberglass rods into the flutes as illustrated in Figure "B". After inserting the rod in the rib between the edge and the anchor, slide the end caps on at the top and bottom of the panel. End caps provide a support base as well as prevent water & debris intrusion.

5) Center the panel on the window and mark the center of each hole around the panel. Remove panel, drill holes.

CBS construction

- 6) When attaching to concrete block, use a 3/16" masonry drill bit.
- 7) When attaching to solid concrete, use a 7/32" masonry drill bit.
- 8) Use the 3/16" hex drive socket to install the Tapcon SG™ into all holes.
- 9) Place washer over each tapcon SG™. Position panel on the tapcons and secure using washered wingnuts.
- 10) Place white cap over Tapcon SG™ when not in use. These caps can be painted to match the color of the building.

Wood Construction

- 11) Installation of the Polycarb® 16/25mm RDC Clear panel must be into the structural members of the wood framed residence. The Tapcon SG™ must be anchored into the center of wood framing around the window.
- 12) Measure and cut panel as described in step one and two.
- 13) Determine the distance to the center of the wood framing from the edge of the opening. This will be the location of all Tapcon SG™ anchors.
- 14) Because the overlap is 4" on all sides of panel, subtract the distance of step #13 from 4". This will be the distance from the edge of the panel to where the holes are drilled.

Disclaimer

These storm panels comply with most municipal codes and regulations but may not comply with all requirements. Purchaser must determine that this product and its installation comply with all codes and regulations for storm panels at the place of installation. Manufacturer disclaims any responsibility for determining compliance with codes and/or regulations applicable to the purchaser and makes no representations or warrants regarding suitability in this regard.

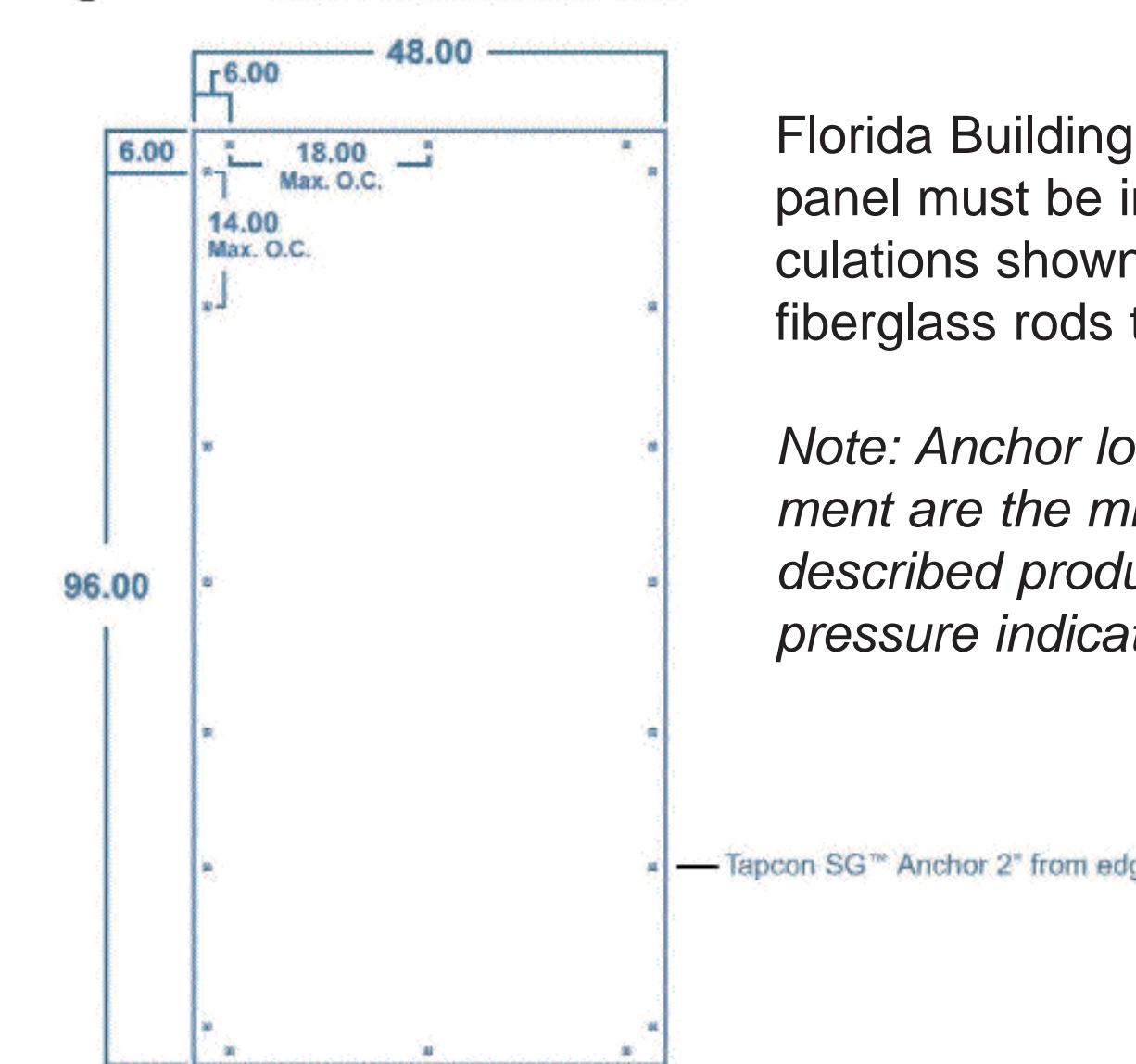
- Manufactured by Gallina USA
- Florida Building Code approved (#FL5723) when installed as instructed.
- Dade county approval pending - ASTM 1929, E84, D-635-98 (Fire Tests), ASTM E330-02, ASTM E1886-99, ASTM E1996-02
- TDI approval Texas Department of Insurance
- Visit www.gallinausa.com/photo.galleries/stormpanels.html for corporate tests and to see impact video.

Hardware Needed for 4'x 8' Panel:
 1/4" x 2-1/4" Tapcon SG™ anchor-20 EA • 1/4" EPDM washer- 20 EA
 1/4"-20 washered wingnut-20 EA • 1/4" White Cap - 20 EA

Tools Needed:
 Drill • 3/16" or 7/32" masonry bit and 3/8" standard bit
 Circular saw if panel needs to be cut • Safety glasses • Gloves
 Sandpaper if panel needs to be cut • Level

Maintenance:
 1) Remove panels after storm or storm season. 2) Rinse with clean water.
 3) Wash with soap or mild detergent using a soft cloth or sponge.
 Do Not use any abrasive cleaners. 4) Rinse with clean water.
 5) Dry with a soft, non-abrasive cloth.
 6) Store in a dry area out of direct sunlight.

Figure A. Anchor Locations

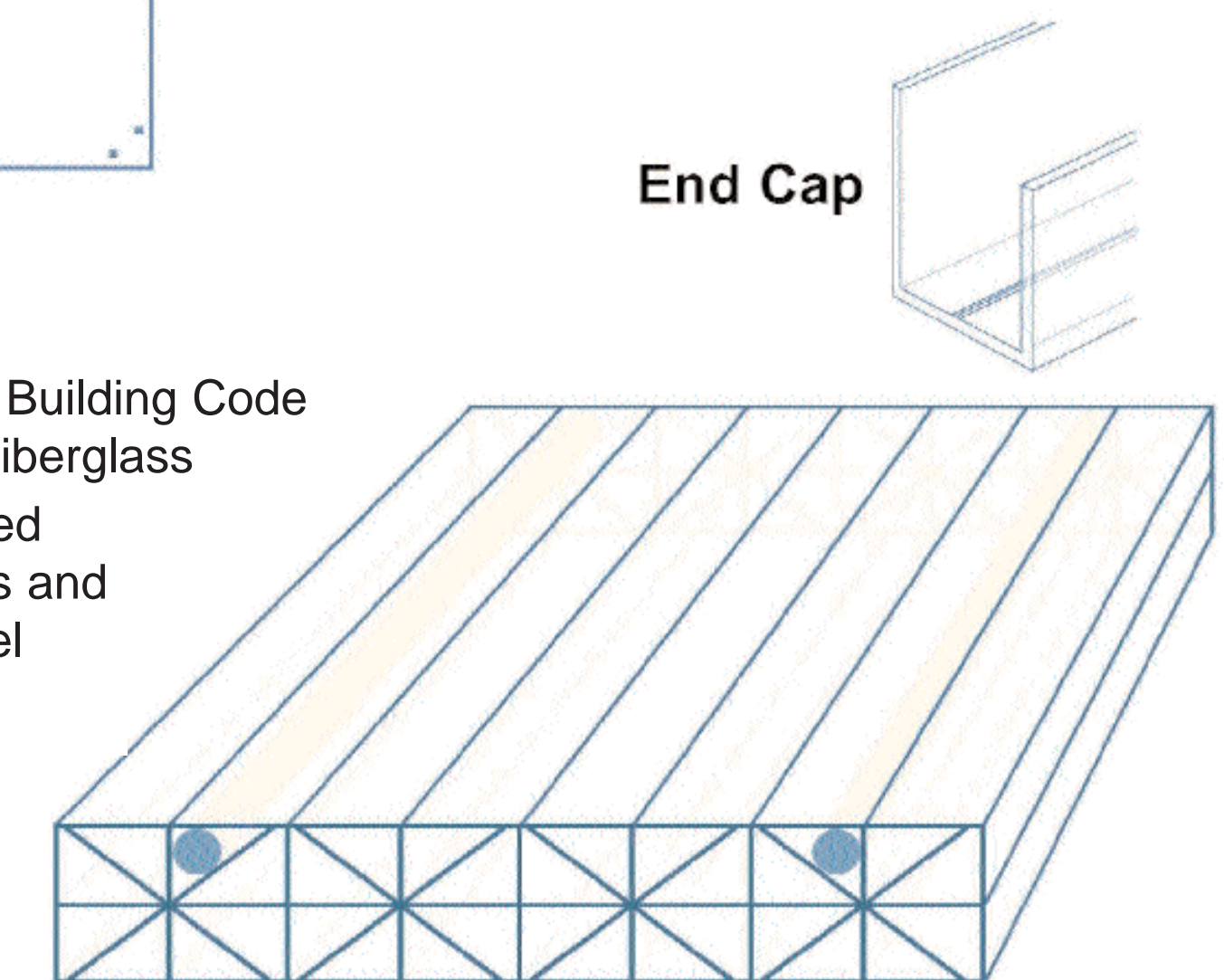


Florida Building Approval #FL5723 panel must be installed per anchor calculations shown above and include the fiberglass rods to meet approval.

Note: Anchor locations indicated in this document are the minimum required for the described product exposed at the design pressure indicated herein.

Figure B.

Required for Florida Building Code Approval #FL5723.Fiberglass Rod (2) to be installed between the tapcons and the edge of the panel (slides in easily).



Polycarb® 16mm/25mm RDC Clear Panel installation Instructions

- 1) Measure each opening (window, door, etc.) Add 8" to the height and width of the opening to arrive at the proper panel size. For example, a 24" x 36" window would require a 32" x 44" Polycarb® 16mm/25mm RDC Clear panel.
- 2) Measure and cut the panel using a circular saw with a laminate or fine toothed saw blade. For radius cutting use a jigsaw with laminate blade. Sand the cut edges with 100 or 200 grit sandpaper. Mark the location and panel size on each panel, e.g.: Master Bedroom 32" x 44".

REMOVE ADHESIVE FILM PROTECTION IMMEDIATELY AFTER SHEETS ARE INSTALLED

RETIRAR EL FILM ADHESIVO INMEDIATAMENTE DESPUÉS DE COLOCAR LAS PLACAS

DO NOT STORE STACKED SHEETS IN DIRECT SUNLIGHT OR RAIN

NO ALMACENAR LAS PLACAS A PLENO SOL O BAJO LA LLUVIA

SHEETS COLD BENDED

PLACHAS CURVADOS EN FRIO

Polycarb®	minimum radius (R)
16RDC	11.48 ft

CLEAN WITH WATER AND NEUTRAL SOAP ONLY

LIMPIAR SOLAMENTE CON AGUA Y JABÓN NEUTRO

SUITABLE SILICONE

SILICONA COMPATIBLE

CLOSE ENDS WITH ADHESIVE ALUMINIUM TAPE

FERRAR LOS ALVEOLOS CON CINTA DE ALUMINIO ADHESIVA

thermal expansion= dilatación térmica= 1/8" PER 3' PER 100°

FORESEE THERMAL EXPANSION

PREVEER DILATACIÓN TÉRMICA

Guaranteed - Garantizado

10*

* VER CONDICIONES DE GARANTÍA

* SEE WARRANTY CONDITIONS

Prodotto da:
 Manufactured by:

RS SUPPLY INC
www.rssupplyinc.com

