



PROTECT-WS



Windstorm Glass

PRODUCT DESCRIPTION

Glassopolis offers a wide range of security glass. Whether your goal is bullet resistance, blast resistance, forced entry protection, windstorm protection or other, we have a solution for you. Let us know what you are looking for. We can help.

Protect-WS is a special high performance Windstorm / Hurricane glass.

- For use in Windstorm-rated assemblies
- Max Size: 70-7/8" x 86-5/8"
- Thickness: 1/2" (12 mm)
- Weight: 5.5 lbs/ft²

FEATURES

- Quick ship. Get it in days!
- Does not contain polycarbonate, SGP or other stiff interlayers which can discolor, get scratched or de-laminate
- Laminated with 0.090" PVB
- Designed for use in Large Missile applications
- Good acoustic reducing characteristics
- Also good for Safety and UV protection
- Designed for use in similarly rated door and window assemblies



RELEVANT TEST STANDARDS

Can be used as a component in assemblies to be tested to the following test standards:

- ASTM E330 Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
- ASTM E1886 Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Storm Shutters Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials
- ASTM E1996 Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes
- ANSI Z97.1 For Safety Glazing Materials Used In Buildings - Safety Performance Specifications And Methods Of Test
- Florida Building Code TAS 201: Impact Test Procedures
- Florida Building Code TAS 202: Criteria for Testing Impact & Non-impact Resistant Building Envelope Components Using Uniform Static Air Pressure
- Florida Building Code TAS 203: Criteria for Testing Products Subject to Cyclic Wind Pressure
- And others

800-262-9600 | SALES@GLASSOPOLIS.COM

GLASSOPOLIS.COM



STORAGE & HANDLING

Glass should be stored upright and separated by suitable materials such as corks. The bottom edge must be supported along its entire length. Rest glass on soft materials, such as a rubber, to prevent the lower edge from chipping. Must be stored in dry locations. Protect the edges of the glass from damage and moisture.

INSTALLATION

Laminated glass must always be installed in accordance with current standards and regulations. Glazing should always be installed in frames of an equivalent performance rating. We recommend that entire assemblies be performance tested. Can be used in insulated glazing units. For laminated glass with surface applied spall protection film, ensure that the film side is not exposed to direct sunlight and is glazed towards the interior of the building. Do not use in extremely humid conditions such as saunas, heated pools etc which would require additional evaluation and precautions. Dimensional tolerances on processed glass are +/- 1/8" in height and width. Laminated glass can have some variation in color due to the number of materials used and a limited number of bubbles, inclusions or flaws are considered acceptable; see acceptance specification for details.

MAINTENANCE & CARE

To maintain the aesthetics, it is important to keep the lite clean. A soft, clean, non-abrasive cloth and a mild soap, detergent, or non-abrasive window cleaning solution is suitable for cleaning. After cleaning, rinse immediately with clean water and remove any excess water from the lite surface. Do not allow any metal or hard parts of the cleaning equipment to come in contact with the lite surface. Take extra care of surface films, if any, as it can be scratched or discolored by non-glass cleaners.

Failure to comply with any of the Labeling, Storage & Handling, Installation, and/or Maintenance & Care guidelines may result in a loss of warranty.

@PROTECT-WS is a trademark of Proscience Inc.