

# PROTECT-WS

## HIGH PERFORMANCE WINDSTORM/HURRICANE GLASS

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- For Use in Windstorm-Rated Assemblies
- Max Size: 70<sup>7</sup>/<sub>8</sub>" x 86<sup>5</sup>/<sub>8</sub>"
- Thickness: ½" (12 mm)
- Weight: 5.5 lbs./Sq. Ft.
- Does Not Contain Polycarbonate, SGP or Other Stiff Interlayers Which Can Discolor, Get Scratched or De-laminate
- Laminated with 0.090" PVB
- Furnished in STORM-PRO-HR Lite Kit (Florida Building Code #FL47124)
  - + Design Pressure = +/- 75 PSF
  - + Missile Level "D" and Includes Wind Zone 4 as Defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
  - + Meets the Water Infiltration Requirements for the HVHZ

# PROTECT-FE

## FORCED ENTRY PROTECTION GLASS

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- For Use In Forced Entry Related Assemblies
- Max Size: 70<sup>7</sup>/<sub>8</sub>" x 86<sup>5</sup>/<sub>8</sub>"
- Thickness: ½" (12mm)
- Weight: 5.5 Lbs/ Sq. Ft
- 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 Forced Entry Rated Door and Window Applications. Meant to Slow Down Certain Types of Attacks
- Good Acoustic-Reducing Characteristics

### Test Standards

Must be used by door or window manufacturers as a component in their certified door and window assemblies tested to one or more of the following test standards:

- Standard Test Method for Security Glazing Materials and Systems: ASTM F1233 class 1.1, Forced Entry, Ball-Peen Hammer
- Certification Standards for Retrofitting and Reinforcing of Standard Commercial Entry Systems, Windows and Glazing: 5-aa1: 5 Gunshots, 20 Bricks and 10 Kicks
- EUROPEAN Building Security Glazing: EN356 P5A SMASH and GRAB
- BURGLARY: UL 972 Burglary
- HURRICANE: ASTM E1996, Level D, Large Missile
- IMPACT-SAFETY: ANSI Z97.1 Cat II U-A 400 Ft.-Lbs. Impact