



**M-PACT SAFE®**  
**HURRICANE RESISTANT LAMINATED GLASS**  
**Product Specification & Profile Sheet**



Vitro America is an authorized laminator for both Solutia® and DuPont® interlayers used in the manufacture of hurricane resistant laminate to include:

- Saflex® Protective Interlayers in clear and colors --- NOA 06-0216.06
- Saflex® HP interlayer in clear only --- NOA 03-0421.01
- Vanceva™ Composite interlayers in clear and colors --- NOA 03-0415.13
- Saflex® Vanceva™ Storm (VS02), which is a 3-layer composite .075" in thickness.
- Solutia® Interlayers (combination forms of any of the above) --- NOA 03-0827.08
- DuPont® Protective Interlayers in clear and colors --- MDCA/DCALSG
- DuPont® SentryGlas® Plus structural interlayers --- MDCA/DCASGP

Vitro America complies with all applicable standard specifications in the manufacture of hurricane resistant laminated glass to include:

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| ASTM C1036-01   | Specification for Flat Glass   |
| ASTM C1048-04   | Specification for Heat-Treated Glass   |
| ASTM C1172-03   | Specification for Laminated Architectural Flat Glass   |
| ANSI Z97.1-1984 | American National Standard for Safety Glazing Materials  |
| CPSC 16CFR 1201 | Consumer Product Safety Commission / Code of Federal Regulations for Architectural Glazing Materials |

Vitro America processes in house heat-treated glass up to 58" wide and/or 115" long, used in the manufacture of heat-treated laminated glasses in order to tightly control glass quality, especially in regards to visual defects and flatness. Flatness is closely measured and targeted at .003" with an upper limit set at .005". Certifications with the Safety Glazing Certification Council are maintained for 3mm TTG (SGCC 2787), 5mm TTG (SGCC 2788), 6mm TTG (SGCC 2789) and 10mm TTG (SGCC 2840). Glass lites exceeding 58" wide and/or 115" long are sourced from other Vitro America fabrication facilities and the glass quality is held to the same exacting standard.

Hurricane resistant laminated glass is carefully assembled to include efficient washing of the glass lites, lay-up of the component parts to within a typical offset tolerance within 1/8", trimming off excess interlayer, extended autoclave time to ensure good lamination, thorough physical inspection using a backlit inspection table and careful packing in wooden boxes or on steel racks with paper interleaving placed between lites of glass. Product labeling includes the appropriate stencil sand-blasted onto each lite of glass; a removable label with the size, type glass and type interlayer applied to each lite; and the application of an M-PACT SAFE® logo to each case.