

 **LaCANTINA DOORS**

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LACANTINADOORS.COM



IMPACT RATED SYSTEM





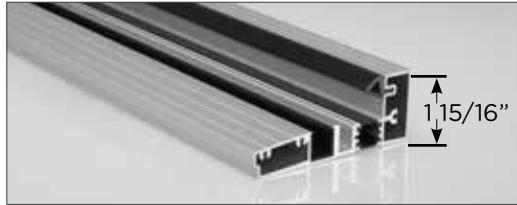
**IMPACT RATED
SYSTEM**

LaCANTINA DOORS' IMPACT RATED SYSTEM DEFINES CONTEMPORARY DESIGN PROVIDING ULTIMATE PERFORMANCE WITH AN OUTSTANDING **DP70** RATING IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AND OTHER WIND-BORNE DEBRIS AREAS. OFFERED WITH THE ALUMINUM THERMALLY CONTROLLED SYSTEM, THE ENHANCED WEATHER AND SAFETY FEATURES FOR AIR, WIND, WATER AND IMPACT MAKE THE **IMPACT RATED SYSTEM** OUR HIGHEST PERFORMING PRODUCT.

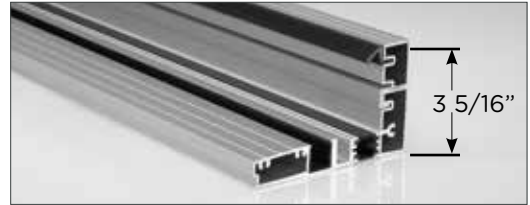
FEATURES

- SELECT ANY SIZE SYSTEM OR CONFIGURATION WITH PANELS UP TO 3' WIDE X 8' TALL
- 2 1/4" THICK PANELS WITH THERMAL BREAKS THROUGHOUT FOR IMPROVED ENERGY EFFICIENCY
- OUR PROPRIETARY CORE AND FASCIA PANEL CONSTRUCTION WITH A COMPREHENSIVE RANGE OF FINISH OPTIONS FOR BOTH THE EXTERIOR AND INTERIOR
- NARROW 2 15/16" STILE & RAIL PROFILES FOR MORE GLASS AND LIGHT
- CONCEALED MULTI-POINT LOCKING SYSTEM FOR EASE OF OPERATION AND SECURITY
- ENHANCED EXTREME WEATHER PERFORMANCE ATTRIBUTES INCLUDING ADDITIONAL HARDWARE FOR MAXIMUM STRUCTURAL PERFORMANCE AND OPTIMAL WEATHER SEALS FOR WATER RESISTANCE
- LAMINATED IMPACT RESISTANT GLASS, EITHER MONOLITHIC OR DUAL GLAZE

SILL OPTIONS



WEATHER RESISTANT SILL



WEATHER RESISTANT RAISED SILL

LaCANTINA'S DP 70 IMPACT RATED SYSTEM IS AVAILABLE FOR USE IN OTHER WIND-BORN DEBRIS AREAS OUTSIDE THE HVHZ INCLUDING THE CAROLINAS, THE NORTHEAST & EAST COAST, TEXAS, THE GULF OF MEXICO, THE CARRIBBEAN AND HAWAIIAN ISLANDS.

DP 70 PERFORMANCE TEST RESULTS

PERFORMANCE RESULTS

PRODUCT TYPE:	Aluminum Thermally Controlled Outswing Bifold Door
SILL TYPE:	Weather Resistant Raised Sill Weather Resistant Sill
TYPE OF GLASS:	1 1/8" Impact Resistant Insulated Glass 7/16" Impact Resistant Monolithic Glass
PROTOCOL TAS 202-94	STATIC AIR PRESSURE TESTS
DESIGN PRESSURE RESULT:	±70.0 psf
AIR INFILTRATION RESULT:	1.57 psf (25 mph) 0.16 cfm/ft ²
WATER INFILTRATION RESULT*:	15% Positive Design Pressure (+10.65 psf) No Penetration
FORCED ENTRY RESULT:	ASTM F8452-04 and 300lb Pull Test Pass
PROTOCOL TAS 201-94	IMPACT TEST PROCEDURES - WEATHER RESISTANT SILL
MISSILE RESULT:	- Missile Weight: 9.0 lbs, Missile Length 8' 0" - Distance from Test Specimen: 17' 0" - Impact Area: 6 Panel Locations Missile hit all target areas and passed
PROTOCOL TAS 203-94	CYCLIC WIND PRESSURE LOADING
DESIGN PRESSURE RESULT:	±70 psf Pass with no additional damage or deglazing observed

*WEATHER RESISTANT SILL NOT RATED FOR WATER INFILTRATION