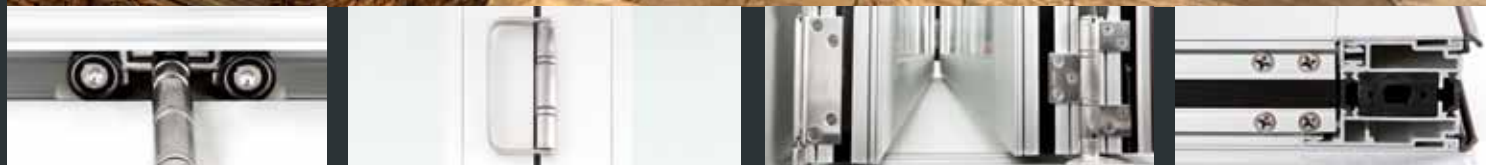




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TRANSFORM YOUR SPACE



LaCANTINA DOORS introduces its newest innovation, the **Impact Rated** Aluminum Thermally Controlled system. With clean lines similar to our all aluminum system, **LaCANTINA DOORS Impact Rated** system features:

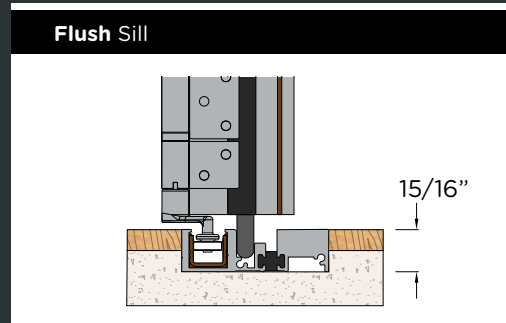
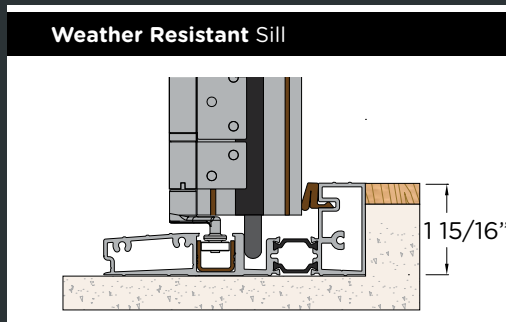
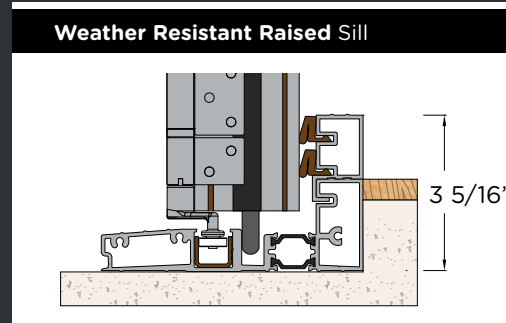
- **DP 70** impact rating in High Velocity Hurricane Zone (HVHZ) and other wind-borne debris areas
- 2 1/4" thick panels engineered to improve structural integrity and minimize deflection
- Our proprietary core and fascia technology with a comprehensive range of finish options for both the exterior and interior
- Narrow 2 15/16" stile and rail profiles for more glass and light
- An innovative sill design for ultimate water resistance
- Thermal breaks throughout providing enhanced thermal performance and optimal energy efficiency

- Impact resistant glass for safety
- Enhanced extreme weather performance attributes including additional hardware for maximum structural performance and optimal weather seals for water resistance
- A range of configurations, 3 sill types and multiple glass options suitable for both residential and commercial projects in the most severe climate and weather conditions

With an outstanding **DP 70** rating, **LaCantina Doors' Impact Rated System** is designed to comply with the stringent Florida Building Codes and for use in other wind-borne areas outside the High Velocity Hurricane Zone including the Carolinas and the East Coast, Texas and the Gulf of Mexico, the Caribbean and Hawaiian Islands.

**LaCANTINA DOORS** Aluminum Thermally Controlled folding door system received an overall hurricane impact rating of a **DP 70**.

Our **Impact Rated** system features an innovative sill design, improved structural integrity, high performance glass, optimal weather sealing, and additional hardware for extreme weather protection and safety.



**DP 70 PERFORMANCE TEST RESULTS**

Product Type:	Aluminum Thermally Controlled Outswing Bi-Fold Door
Series/Model:	Aluminum Thermally Controlled Hurricane/Impact
Type of Glass:	1 1/8" Impact Resistant Insulated Glass 7/16" Impact Resistant Monolithic Glass

Weather Resistant Raised Sill	Type of Test
PROTOCOL TAS 202-94	STATIC AIR PRESSURE TESTS
Design Pressure:	±70.0 psf
Air Infiltration Result:	1.57 psf (25 mph) 0.16 cfm/ft2
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
Missile Result:	- Missile Weight: 9.0 lbs, Missile Length 8' 0" - Distance from Test Specimen: 17' 0" - Impact Area: 7 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	Type of Test
PROTOCOL TAS 202-94	STATIC AIR PRESSURE TESTS
Design Pressure:	±70.0 psf
Air Infiltration Result:	1.57 psf (25 mph) 0.16 cfm/ft2
PROTOCOL TAS 201-94	IMPACT TEST PROCEDURES
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

Flush Sill	Type of Test
PROTOCOL TAS 202-94	STATIC AIR PRESSURE TESTS
Design Pressure:	+46.7 psf / -60.0 psf
Air Infiltration Result:	1.57 psf (25 mph) 0.16 cfm/ft2
PROTOCOL TAS 201-94	IMPACT TEST PROCEDURES
Missile Result:	- Missile Weight: 9.0 lbs, Missile Length 8' 0" - Distance from Test Specimen: 17' 0" - Impact Area: 8 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