



Architect: Brett Farrow



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LACANTINADOORS.COM



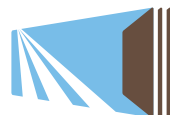
LaCANTINA DOORS | PRODUCT BROCHURE 2012



Harrison Home | Contractor: Joe Grueter, Grueter Construction



Zinc House | Project Designer: Jose Garcia Design | Photographer: Ryan Kurtz



LACANTINA DOORS
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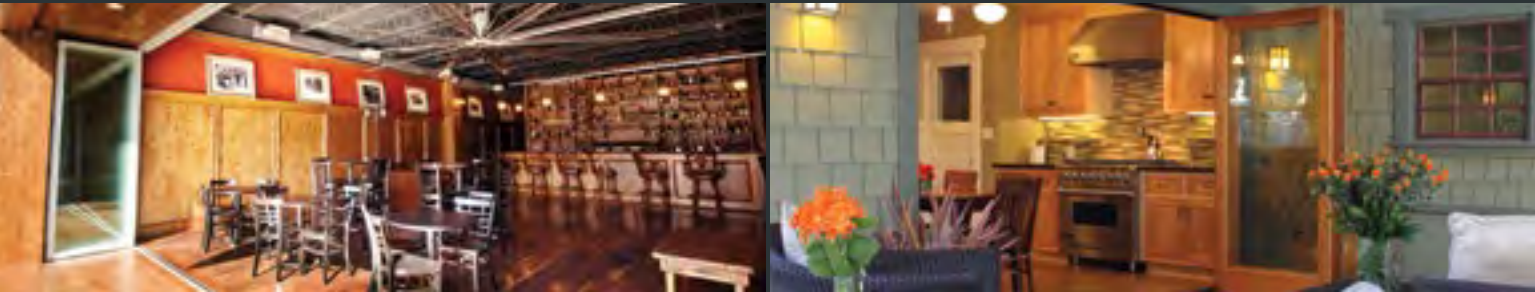
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LACANTINA DOORS

ALUMINUM SYSTEM

Strikingly clean and narrow, our all Aluminum system features a 2 3/4" stile and rail profile allowing for more glass and light. Perfect for both residential and commercial projects, the Aluminum system utilizes concealed multi-point locks and redefines contemporary design.



ALUMINUM THERMALLY CONTROLLED SYSTEM

Featuring 2 15/16" stile and rail profiles, the Aluminum Thermally Controlled system offers the sleek and contemporary design of our all Aluminum system with improved thermal performance. The Aluminum Thermally Controlled system is the result of an extensive design process focused on optimal energy efficiency, structural performance and versatility. It is best suited to those applications where higher performance is demanded.



ALUMINUM WOOD SYSTEM

Featuring 2 1/4" thick extruded aluminum panels, the Aluminum Wood system is our most popular product and an innovation to our Clad system. It delivers everything you demand from our Clad system, low maintenance exterior with the beauty of a real, natural wood interior and offers enhanced durability, combined with concealed multi-point locks.



CLAD SYSTEM

Featuring an extruded aluminum exterior and solid laminated core construction, the Clad system withstands the elements and the cladding can be custom color matched. One of our most popular products, the Clad system with our preferred 3 5/8" narrow stile and rail profile, has a traditional look, and allows the perfect balance of light and glass for your space.

WOOD SYSTEM

The original LaCANTINA DOORS system is a timeless classic and still one of our most popular. Our all Wood system is available in your choice of Vertical Grain Douglas Fir and Mahogany. Ready to seal or stain; let your all natural wood LaCANTINA DOORS be the highlight of any space.

IMPACT RATED SYSTEM

New for 2012, LaCantina Doors launches its DP 70 Impact Rated System. Offered exclusively with the Aluminum Thermally Controlled system, our Impact Rated system's outstanding DP 70 rating is a result of incorporating an innovative sill design, improved structural integrity, high performance glass, optimal weather sealing and additional hardware for extreme weather protection and safety.

WHY
LaCANTINA
DOORS

- **VISUALLY APPEALING** STREAMLINED DESIGN, FEATURING NARROW STILES FOR MORE GLASS
- **COMPETITIVE PRICING**, WHETHER TAKING ADVANTAGE OF STANDARD SIZES OR "MADE TO MEASURE"
- A COMPREHENSIVE PRODUCT LINE **DESIGNED TO SUIT ANY RESIDENTIAL OR COMMERCIAL APPLICATION**
- THERMALLY-BROKEN DESIGNS AND GLASS OPTIONS FOR **OPTIMAL ENERGY PERFORMANCE**
- SINGLE LITE DOOR PANELS UP TO 39" WIDE AND 10' TALL **WITHOUT HORIZONTAL MULLIONS**
- PATENTED **ZERO STEP SILL** TECHNOLOGY FOR FLUSH FLOOR TRANSITIONS FROM THE INTERIOR TO THE EXTERIOR WITHOUT SACRIFICING PERFORMANCE
- **SCREENING** SOLUTIONS THAT INCLUDE SOLAR AND PRIVACY OPTIONS
- **INDUSTRY LEADING LEAD TIMES** FROM ORDER TO DELIVERY
- COMPLETE SYSTEMS WITH INSTALLATION INSTRUCTIONS FOR STRAIGHTFORWARD ASSEMBLY AND **EASE OF INSTALLATION**
- **EASY ADJUSTMENT** ACCESS USING JUST A SCREWDRIVER
- **10 YEAR LIMITED WARRANTY** ACROSS OUR PRODUCT LINES
- OVER 16 YEARS OF MANUFACTURING EXPERIENCE AND **INNOVATION** BUILT INTO EVERY **LaCANTINA DOOR**
- **EXTENSIVE TESTING** TO MEET AAMA STANDARDS
- TRUE **FSC** CHAIN OF CUSTODY MANUFACTURER
- **CUSTOM MANUFACTURED** TO ANY SIZE IN THE USA

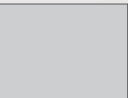


STOCK OPTIONS

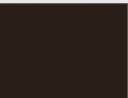
COLORS AND GRAIN MAY VARY. REQUEST ACTUAL SAMPLES. CUSTOM WOOD AND COLORS AVAILABLE.

ALUMINUM COLORS

CLEAR ANODIZED



BRONZE ANODIZED



WHITE



CLAD COLORS

BRONZE



WHITE

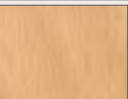


WOOD SPECIES

VERTICAL GRAIN DOUGLAS FIR

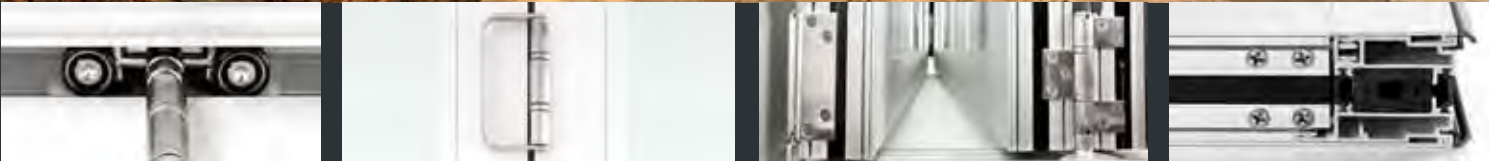


MAHOGANY





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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:

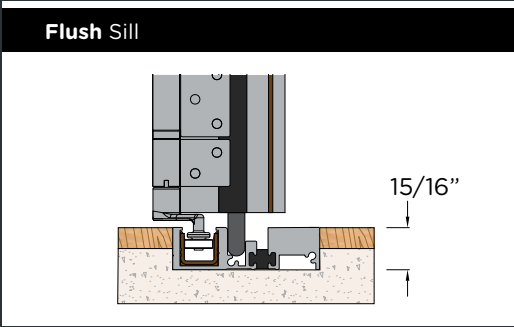
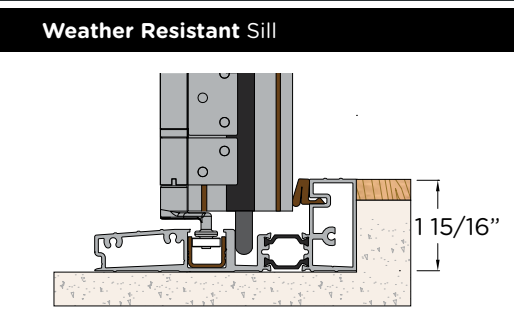
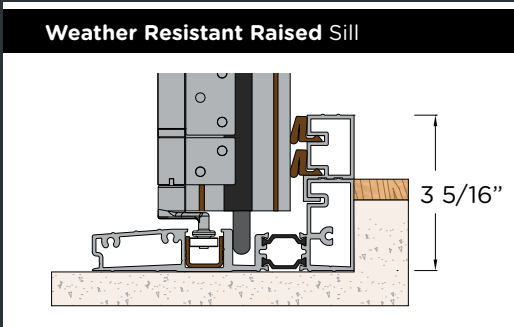
- **DP 70** impact rating in High Velocity Hurricane Zone (HVHZ) and other wind-borne debris areas
- 2 1/4" thick panels engineered to improve structural integrity and minimize deflection
- Our proprietary core and fascia technology with a comprehensive range of finish options for both the exterior and 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

FOLDING DOOR SYSTEMS

	ALL ALUMINUM		ALUMINUM EXTERIOR - WOOD INTERIOR		ALL WOOD
MATERIAL	ALUMINUM	ALUMINUM THERMALLY CONTROLLED	ALUMINUM WOOD	CLAD	WOOD
STYLE	Contemporary	Contemporary	Contemporary to Traditional	Contemporary to Traditional	Contemporary to Traditional
PRICING	Lower cost \$	Upgrade \$ for performance & features	Upgrade \$ for performance & features	Value \$	Value \$
PANEL CONSTRUCTION	Aluminum	Aluminum with thermally efficient core	Aluminum with wood on the interior	Solid wood core with exterior cladding	Solid wood core
U VALUE (LOW-E 366; SIMULATED)	.59	.39	.43	.34	.33
ENERGY EFFICIENCY	Good	Best	Better	Best	Best
DP RATING (WIND SPEED)	DP 35 (117 mph)	DP 70 - Impact rating (147 mph)	DP 35 (117 mph)	DP 35 (117 mph)	DP 25 (99 mph)
PANEL THICKNESS	1 3/4"	2 1/4"	2 1/4"	1 3/4"	1 3/4"
STOCK FINISHES	Clear or bronze anodized; white paint	Clear or bronze anodized; white paint (split finish available)	White or bronze paint	White or bronze paint	N/A
STILE & RAIL PROFILE	2 3/4"	2 15/16"	3 5/8"	3 5/8"	3 5/8"
BOTTOM RAIL OPTIONS	10" ADA	10" (pending)	-	7 1/2"	7 1/2", 10" ADA
SIMULATED DIVIDING LITES (SDLS)	1" Contemporary	1" Contemporary	1" Colonial	1" Colonial	1" Colonial
IN-STOCK WOOD	-	-	VG fir or mahogany	VG fir or mahogany	VG fir or mahogany
HANDLE, TRIMSET & LOCKING	Aria multi-point	Aria multi-point	Summit multi-point	Rodos multi-point	Rodos multi-point
FOLDING PANEL LOCKING	Concealed multi-point	Concealed multi-point	Concealed multi-point	Surface Mounted Flushbolts - 8" / 16" / 24" / 39"	Surface Mounted Flushbolts - 8" / 16" / 24" / 39"
SYSTEM TYPE	Top hung	Top hung	Top hung	Top hung	Top hung

1) U-value based on NFRC 100: 2010 Thermal performance simulations.

2) Refer to test reports for detailed results for air, water, structural, performance and confirm applications to project.

Dual-glazed tempered glass is included with every LaCantina Door and low-E energy efficient glass is included with all Standard Size systems across our product line. We use Cardinal's line of insulated and laminated glass solutions. The PPG Solarban range, obscure, tinted, laminated and specialty glass are also available. Should your project require customized glass please contact us to verify availability.

LoE²-272® GLASS - YEAR-ROUND COMFORT

SHGC: 0.41 / U-FACTOR: 0.25 / TDW: 0.55 / LIGHT TRANS: 72%

Cardinal's LoE²-272® glass provides year-round comfort. In winter, LoE²-272 reflects heat back into the room. In summer, it rejects the sun's heat and damaging solar rays. Additionally, it is the clearest, highest performing glass. The insulating value of LoE²-272 is nearly double that of an ordinary insulating glass unit.

LoE²-240® GLASS - SOLAR CONTROL TINTED

SHGC: 0.25 / U-FACTOR: 0.26 / TDW: 0.35 / LIGHT TRANS: 40%

LoE²-240® glass is Cardinal's solution to solar glare and provides a combination of aesthetic appeal along with energy savings and indoor comfort. Its advanced coating design also provides the lowest possible U-factor to deliver comfort and energy savings during cold winter weather. LoE²-240 permits visible light to shine while blocking UV light.

LoE²-366® GLASS - A NEW CLEAR STANDARD

SHGC: 0.27 / U-FACTOR: 0.24 / TDW: 0.43 / LIGHT TRANS: 66%







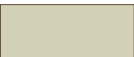












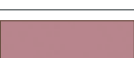



Cardinal LoE²-366® delivers the ideal balance of solar control and high visibility. It provides the highest levels of year-round comfort and energy savings, making it the perfect glass no matter where you live. LoE²-366 provides the ultimate in fading protection, blocking 95% of the sun's damaging ultraviolet rays. The insulating capability of LoE²-366 can't be compared to any other glass product.

SEA-STORM® HURRICANE GLASS

Cardinal's Sea-Storm laminated glass is produced by bonding a combination of plastic vinyl layers and polyester film between two panes of glass into a single sheet. Sea-Storm looks like ordinary glass, but is designed for windows and doors to pass stringent building requirements in high wind coastal areas. It protects like a shield against accidental impact, forced entry, sun damage and unwanted noises. Upon impact, the broken glass fragments tend to adhere to the durable, bonded vinyl interlayer. Cardinal's LoE² coatings can be added. Sea-Storm can also be made in an insulating glass configuration.

COLOR RANGE COMPARISON







In-stock		Jeld Wen	Marvin	Anderson	Eagle	Kolbe	Loewen	Pella	SPW
Bronze		-	Medium Bronze	-	-	Truffle	-	-	Bronze 024
White		Brilliant White	Artic White	-	-	White	White	White	White 001
Bronze Anodized		-	-	-	-	-	-	-	-
Clear Anodized		-	-	-	-	-	-	-	-
Optional									
Fast Track White (Martin)		Brilliant White	-	-	-	Ultra Pure White	White	Classic White	-
Bone White (Martin)		Bone White	-	White	-	Abalone	-	White	Linen 032
Sandtone (Anderson)		Desert Sand	-	Sandtone	-	Sand	Clay	Fossil	-
Pebble Gray (Marvin)		-	Pebble Gray	-	-	-	-	Putty	Gull Gray 007
Terratone (Anderson)		-	-	Terratone	-	-	Terratone	-	-
Chestnut Bronze (Jeld Wen)		Chestnut Bronze	Medium Bronze	-	-	-	Tuscana Brown	-	-
Dark Chocolate (Jeld Wen)		Dark Chocolate	Bahama Brown	-	-	Gingersnap	Chestnut Brown	-	Regal Brown 059
Black (Martin)		Black	Ebony	-	Black	Coal Black	Black	Black	Black
Hartford Green (Jeld Wen)		Hartford Green	Evergreen	Forest Green	-	Hartford Green	Hartford Green	Hartford Green	Hartford Green 050
Mesa Red (Jeld Wen)		Mesa Red	Wineberry	-	-	Chutney	-	Brick Red	-
Statuary Bronze		-	Medium Bronze	Dark Bronze	-	-	Tuscany Brown	-	-
Medium Bronze		-	Medium Bronze	-	-	-	-	-	-
Charcoal		-	-	-	-	-	-	-	-
Fashion Gray		-	-	-	-	Timberwolf	-	Eldridge Gray	-
Colonial Gray		-	-	-	-	Rustic	-	-	Slate Gray
Rosewood		-	-	-	-	-	-	-	-
Boysenberry		-	Boysenberry	-	-	-	-	-	ICI Brown
Brick Red		-	-	-	-	-	-	-	-
Patina		-	Hampton sage	-	-	-	-	-	Patina Green 051

LaCantina Doors offers In-Stock, Optional, and Custom colors to complement or match virtually any color or finish. Choose from the selections below to best meet your project needs.

IN-STOCK COLORS

Standard lead time, most cost effective.

 <p>White Standard finish for: <ul style="list-style-type: none"> Aluminum Wood Aluminum Aluminum Thermally Broken Clad </p>	 <p>Bronze Standard finish for: <ul style="list-style-type: none"> Aluminum Wood Clad </p>	 <p>Clear Anodized Standard finish for: <ul style="list-style-type: none"> Aluminum Wood Aluminum Aluminum Thermally Broken </p>	 <p>Bronze Anodized Standard finish for: <ul style="list-style-type: none"> Aluminum Wood Aluminum Aluminum Thermally Broken </p>
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OPTIONAL COLORS (2-COAT 70% KYNAR)

Save with lower set up costs on these optional colors compared to a custom color match.

 <p>Fast Track White</p>	 <p>Bone White</p>	 <p>Sandtone</p>	 <p>Pebble Gray</p>	 <p>Terratone</p>
 <p>Chestnut Bronze</p>	 <p>Dark Chocolate</p>	 <p>Black</p>	 <p>Hartford Green</p>	 <p>Mesa Red</p>
 <p>Statuary Bronze</p>	 <p>Medium Bronze</p>	 <p>Charcoal</p>	 <p>Fashion Gray</p>	 <p>Colonial Gray</p>
 <p>Rosewood</p>	 <p>Boysenberry</p>	 <p>Brick Red</p>	 <p>Patina</p>	

CUSTOM COLORS

Color matching to virtually any color, 2-coat 70% Kynar as standard or premium finishes. Powder coat and decoral wood finishes also available.

ALL DOORS VIEWED FROM EXTERIOR

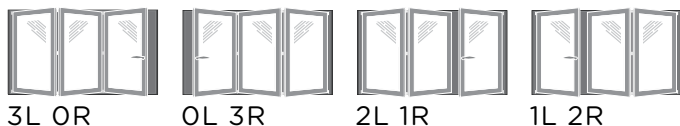
These configurations are available across our top hung product line for outswing and inswing. Additional configurations with up to 16 panels; 8 in each direction, including 90° zero post systems are available. LaCantina Doors are available in standard sizes at 7' and 8' tall or can be "made to measure" up to 10' tall. Each panel can be up to 3'3" wide.

OF PANELS

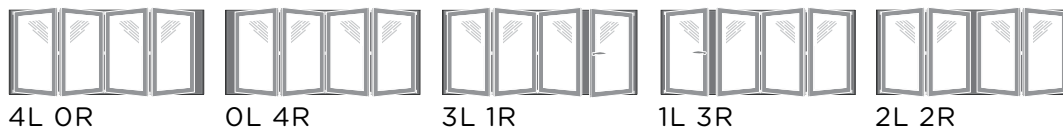
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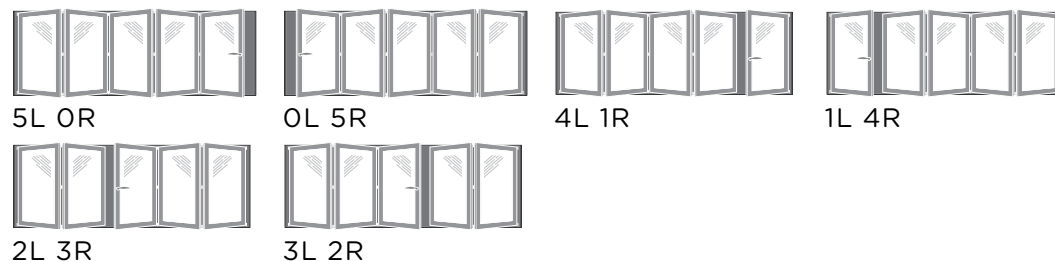
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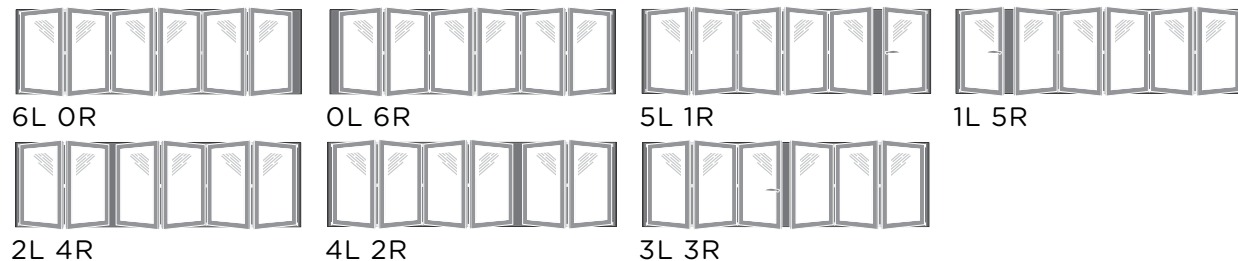
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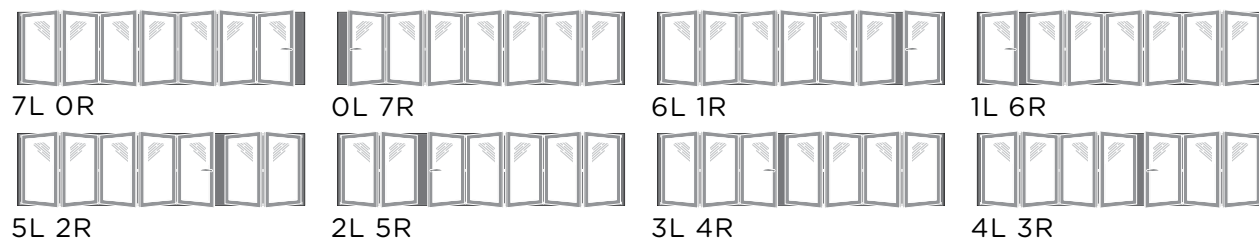
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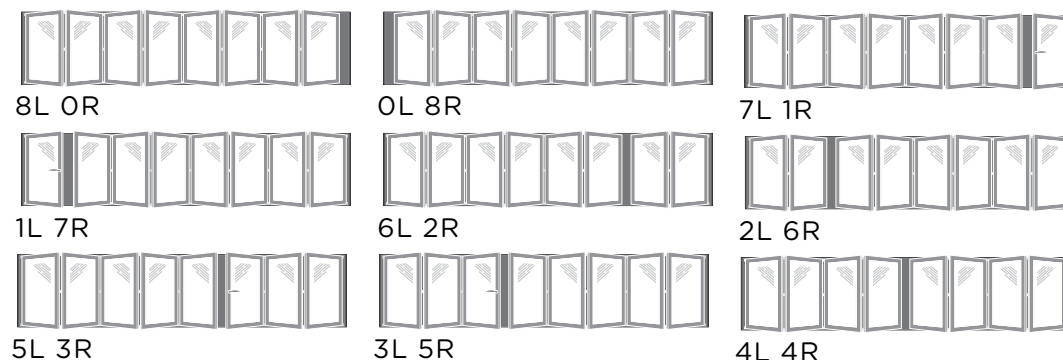
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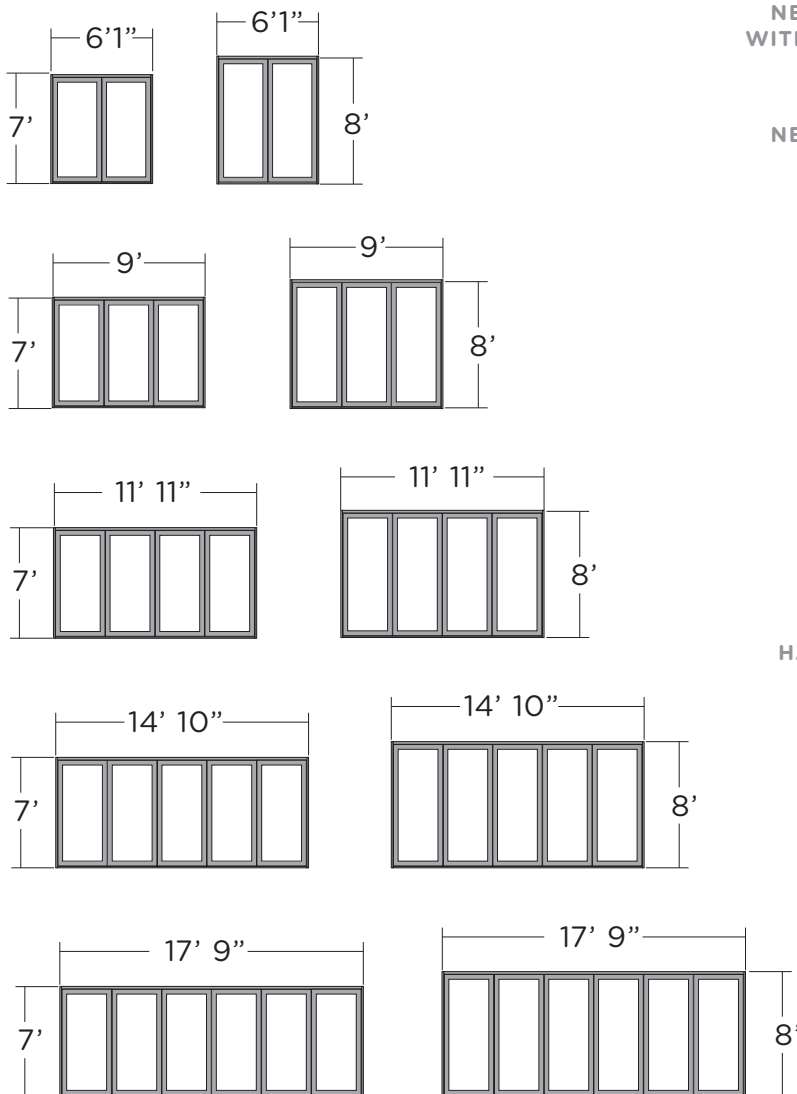
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ALUMINUM FOLDING DOOR SYSTEM

The LaCantina Doors Aluminum system is available in Standard Sizes for the most popular opening sizes and features. Select any folding configuration from 2 to 6 panels. Refer to the configuration chart in the Design and Quote section of the binder.

STANDARD NET FRAME SIZES



STANDARD FEATURES

NET FRAME HEIGHT WITH STANDARD SILL 7' = 83 3/4"
8' = 95 3/4"

FLOOR ROLLING NET FRAME HEIGHT 7' = 83 1/8"
8' = 95 1/8"

NET PANEL SIZES 7' = 79 15/16"
8' = 91 15/16"

SWING Outswing or inswing

MOUNTING Top hung

SILL Standard engineered sill
Zero step, flush guide, or ADA sill

PANEL PROFILE 2 3/4" [70 mm] stiles and rails,
single lite only

GLASS Low-E 272 (argon filled)

HARDWARE FINISH Stainless steel or bronze

HANDLE Included with daily passage doors

LOCKING SYSTEM Concealed multi-point lock

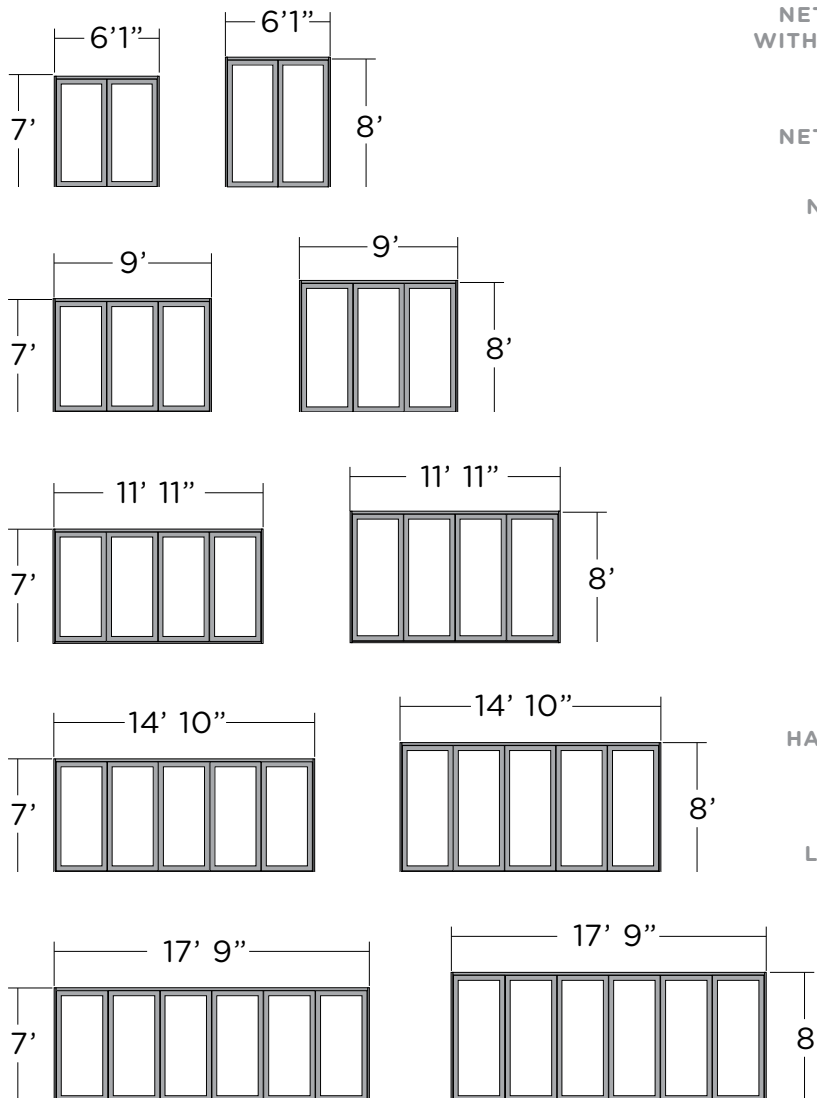
HEAD AND SILL FINISH Bronze or clear anodized

System widths can vary up to 1/4" depending on configuration

ALUMINUM WOOD FOLDING DOOR SYSTEM

The LaCantina Doors Aluminum Wood system is available in Standard Sizes for the most popular opening sizes and features. Select any folding configuration from 2 to 6 panels. Refer to the configuration chart in the Design and Quote section of the binder.

STANDARD NET FRAME SIZES



STANDARD FEATURES

NET FRAME HEIGHT WITH STANDARD SILL 7' = 83 3/4"
8' = 95 3/4"

FLOOR ROLLING NET FRAME HEIGHT 7' = 83 1/8"
8' = 95 1/8"

NET PANEL SIZES 7' = 79 15/16"
8' = 91 15/16"

SWING Outswing or inswing

MOUNTING Top hung

SILL Standard engineered sill
Zero step, flush guide, or ADA sill

PANEL PROFILE 3 5/8" [92 mm] stiles and rails, single lite only

GLASS Low-E 272 (argon filled)

WOOD SPECIES Vertical grain Douglas fir or mahogany

HARDWARE FINISH Stainless steel or bronze

HANDLE Included with daily passage doors

LOCKING SYSTEM Concealed multi-point lock

HEAD AND SILL FINISH Bronze or clear anodized

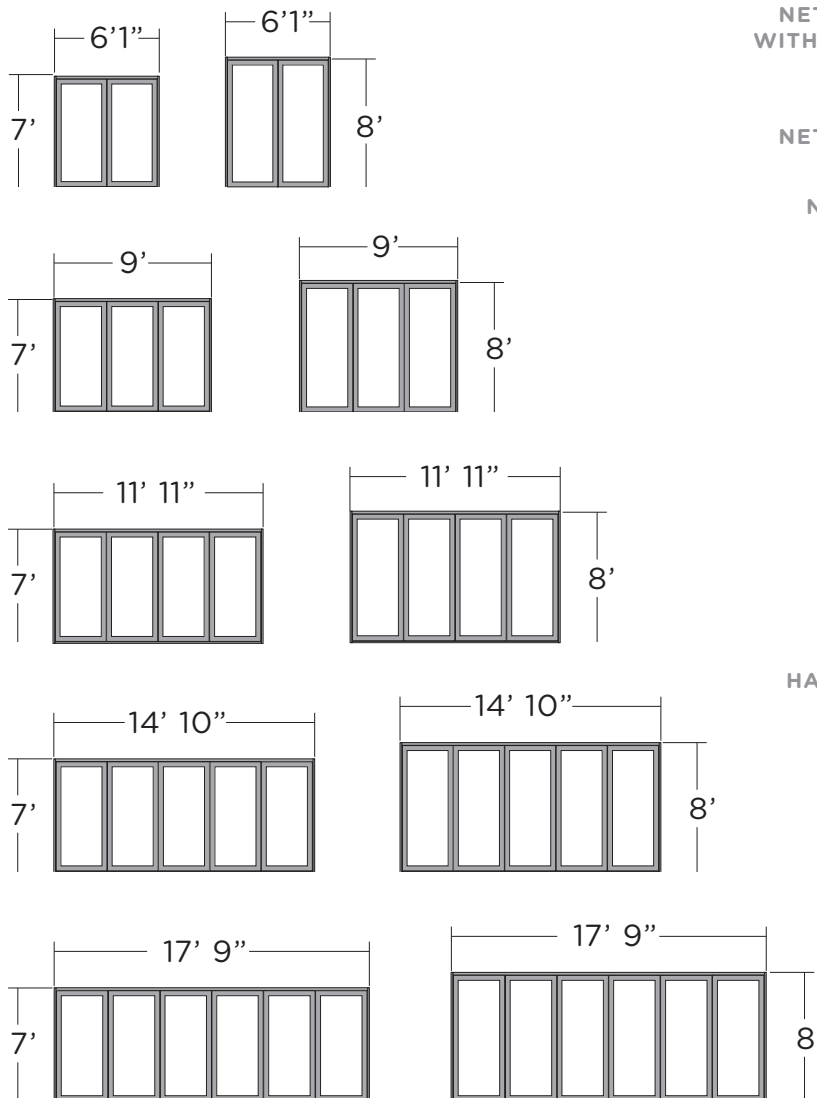
System widths can vary up to 1/4" depending on configuration

ALUMINUM THERMALLY CONTROLLED FOLDING DOOR SYSTEM

The LaCantina Doors Aluminum system is available in Standard Sizes for the most popular opening sizes and features. Select any folding configuration from 2 to 6 panels.

Refer to the configuration chart in the Design and Quote section of the binder.
The LaCantina Doors aluminum thermally broken system is available in Standard Sizes for the most popular opening sizes and features. Select any folding configuration from 2 to 6 panels. Refer to the configuration chart in the Design and Quote section of the binder.

STANDARD NET FRAME SIZES



STANDARD FEATURES

NET FRAME HEIGHT WITH STANDARD SILL 7' = 83 3/4\"
8' = 95 3/4\"

FLOOR ROLLING NET FRAME HEIGHT 7' = 83 1/8\"
8' = 95 1/8\"

NET PANEL SIZES 7' = 79 15/16\"
8' = 91 15/16\"

SWING Outswing or inswing

MOUNTING Top hung

SILL Standard engineered sill
Zero step, flush guide, or ADA sill

PANEL PROFILE 2 15/16\" [75 mm] stiles and rails, single lite only (ADA bottom rail requires custom build)

GLASS Low-E 272 (argon filled)

HARDWARE FINISH Stainless steel or bronze

HANDLE Included with daily passage doors

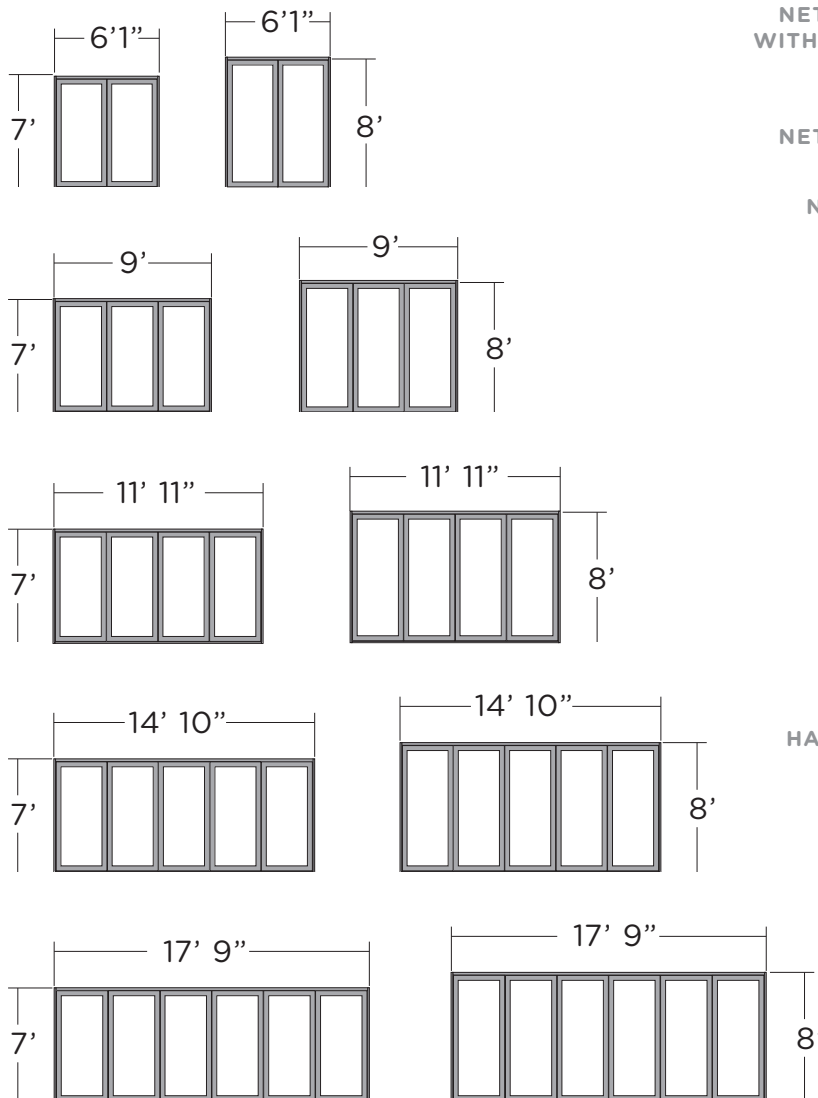
HEAD AND SILL FINISH Bronze or clear anodized

System widths can vary up to 1/4\" depending on configuration

WOOD FOLDING DOOR SYSTEM

The LaCantina Doors Wood system is available in Standard Sizes for the most popular opening sizes and features. Select any folding configuration from 2 to 6 panels. Refer to the configuration chart in the Design and Quote section of the binder.

STANDARD NET FRAME SIZES



STANDARD FEATURES

NET FRAME HEIGHT WITH STANDARD SILL 7' = 83 3/4"
8' = 95 3/4"

FLOOR ROLLING NET FRAME HEIGHT 7' = 83 1/8"
8' = 95 1/8"

NET PANEL SIZES 7' = 79 15/16"
8' = 91 15/16"

SWING Outswing or inswing

MOUNTING Top hung

SILL Standard engineered sill
Zero step, flush guide, or ADA sill

PANEL PROFILE 2 5/8" [92 mm] stiles and rails,
single lite only

GLASS Low-E 272 (argon filled)

WOOD SPECIES Vertical grain Douglas fir or
mahogany

HARDWARE FINISH Stainless steel or bronze

HANDLE Included with daily passage doors

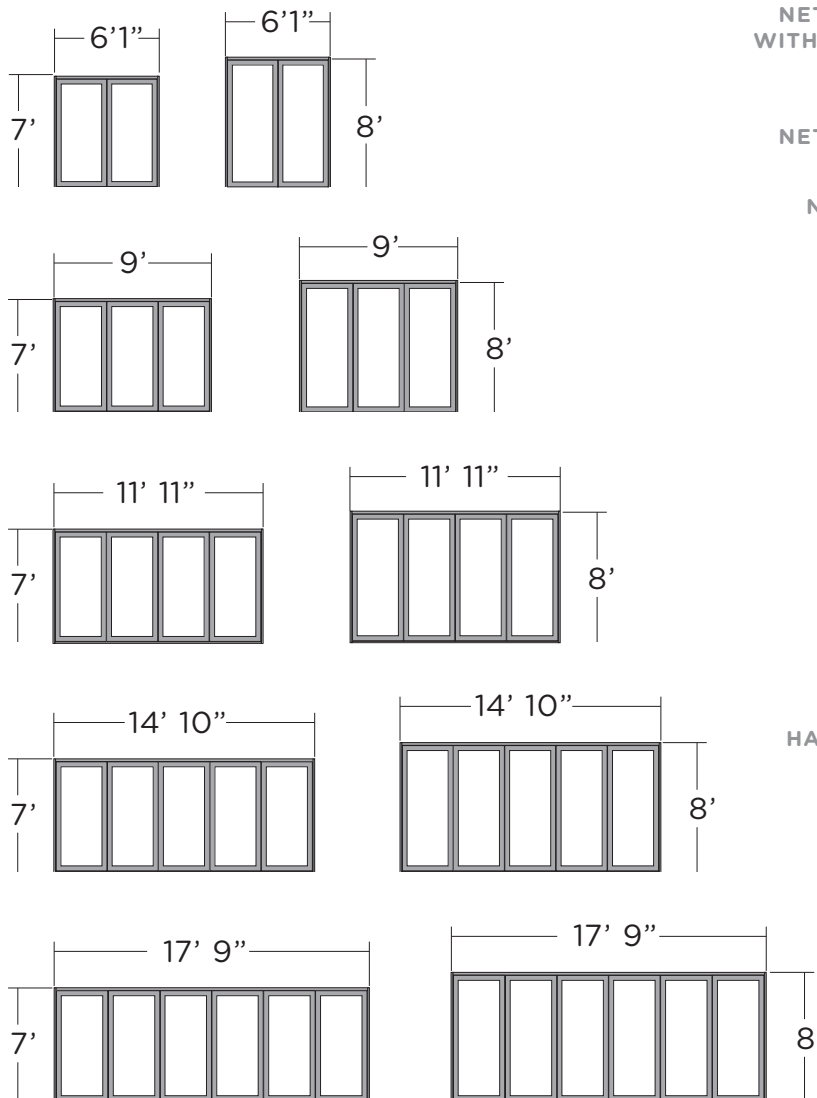
HEAD AND SILL FINISH Bronze or clear anodized

System widths can vary up to 1/4" depending on configuration

CLAD FOLDING DOOR SYSTEM

The LaCantina Doors Clad system is available in Standard Sizes for the most popular opening sizes and features. Select any folding configuration from 2 to 6 panels. Refer to the configuration chart in the Design and Quote section of the binder.

STANDARD NET FRAME SIZES



STANDARD FEATURES

NET FRAME HEIGHT WITH STANDARD SILL 7' = 83 3/4"
8' = 95 3/4"

FLOOR ROLLING NET FRAME HEIGHT 7' = 83 1/8"
8' = 95 1/8"

NET PANEL SIZES 7' = 79 15/16"
8' = 91 15/16"

SWING Outswing or inswing

MOUNTING Top hung

SILL Standard engineered sill
Zero step, flush guide, or ADA sill

PANEL PROFILE 2 5/8" [92 mm] stiles and rails, single lite only

GLASS Low-E 272 (argon filled)

WOOD SPECIES Vertical grain Douglas fir or mahogany

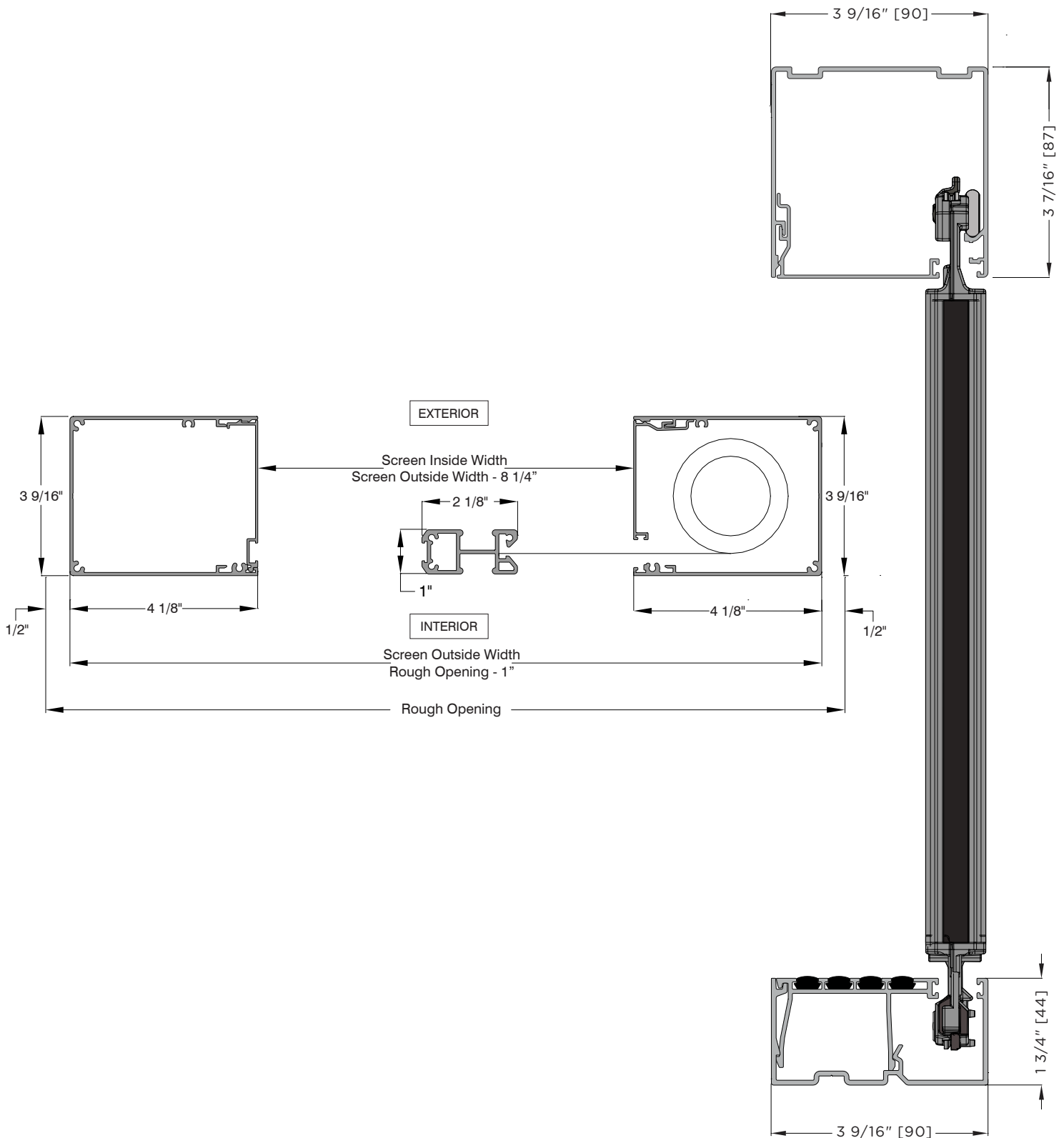
HARDWARE FINISH Stainless steel or bronze

HANDLE Included with daily passage doors

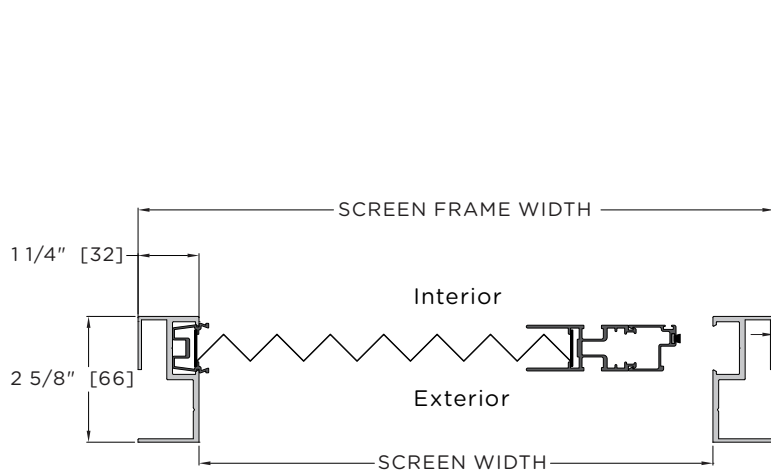
HEAD AND SILL FINISH Bronze or clear anodized

System widths can vary up to 1/4" depending on configuration

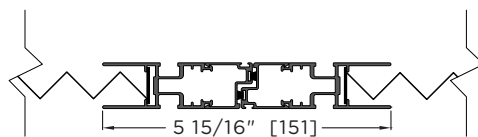
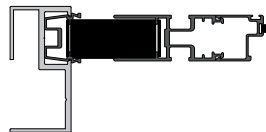
NON PLEATED SCREEN



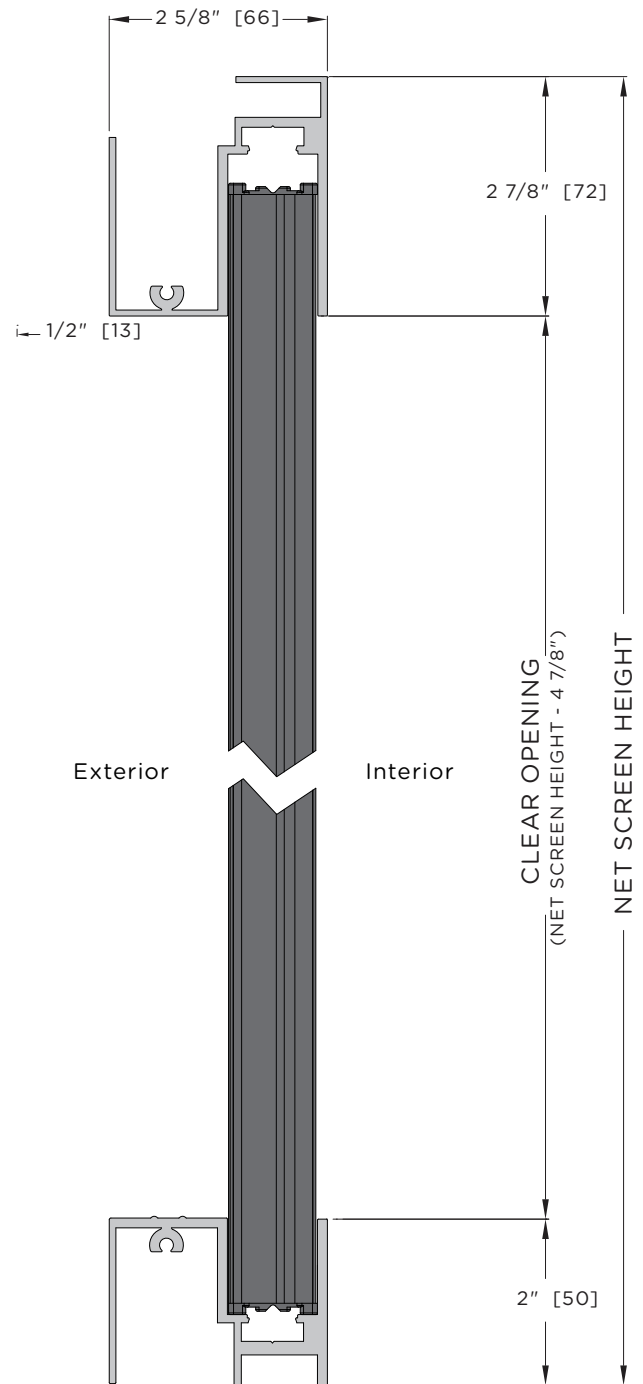
LCD INTEGRATED PLEATED SCREEN



HORIZONTAL SECTION - JAMB STRIKE

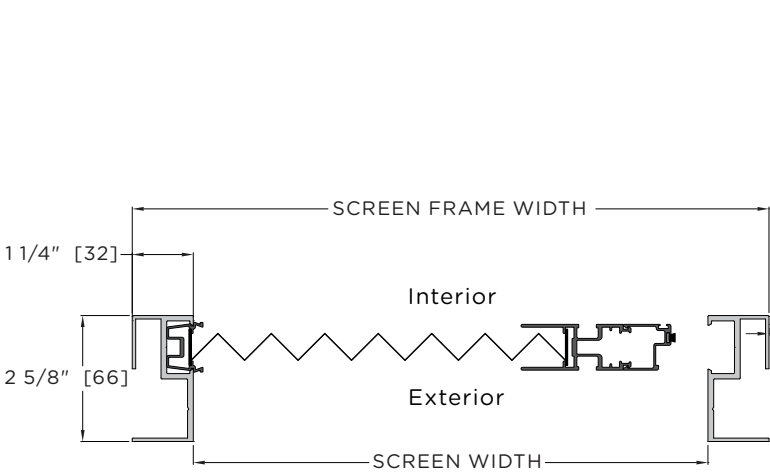


MEETING DETAIL
DOUBLE SCREEN

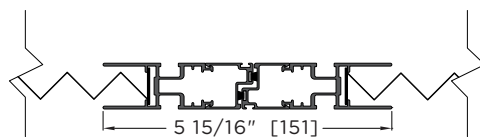
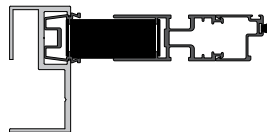


VERTICAL SECTION
STANDARD

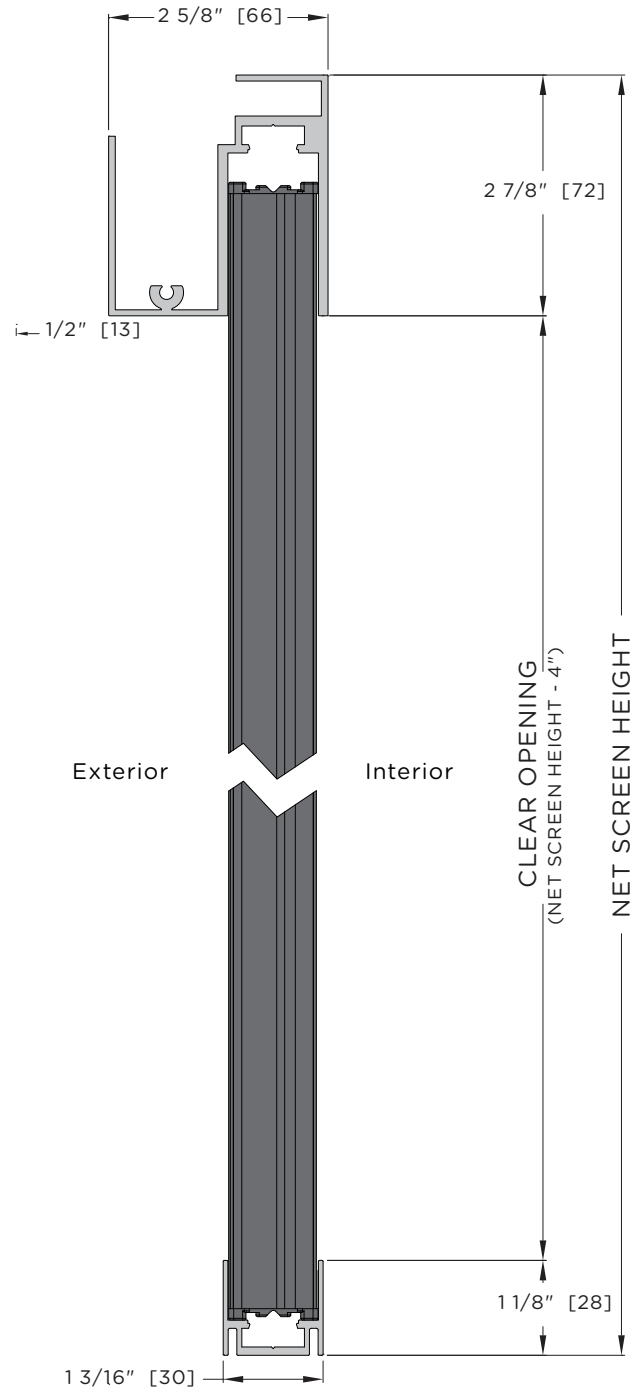
LOW PROFILE PLEATED SCREEN



HORIZONTAL SECTION - JAMB STRIKE



MEETING DETAIL
DOUBLE SCREEN



VERTICAL SECTION
WITH LOW PROFILE SILL

Limited Warranty



This express limited warranty is effective for product manufactured by LaCantina Doors, Inc. ("LaCantina") after March 1, 2011, extends to all original end users and is not transferable.

WARRANTY COVERAGE

Subject to the conditions, exclusions and limitations of this limited warranty, we warrant our glass and components below will be free from defects in materials and workmanship which would render the product unserviceable or unfit for ordinary recommended use from the date of shipment for the following time periods:

Glass - Ten (10) years: We warrant insulated glass against failure of the air seal and that each unit will be free from material obstruction of vision as a result of fogging or film formation on the internal surfaces. We warrant laminated glass against delamination resulting in materially obstructed vision through the laminated glass.

Components – Up to ten (10) years: We warrant panel and frame aluminum components, product finishes, folding system hardware and weather stripping for a period of ten (10) years, locking hardware for a period of five (5) years and wood components and anodized finishes for a period of one (1) year. Products in marine or industrial environments should be cleaned with mild detergent soap and water every three (3) months as a minimum, and more frequently if necessary to minimize the buildup of salt or corrosive residue. Any chips or scratches must be repaired immediately and not left exposed to the elements.

Export Limitation: The maximum warranty period for any product used outside of the United States is two (2) years on glass and components and ten (10) years on folding system hardware.

WARRANTY CONDITIONS, EXCLUSIONS AND LIMITATIONS

This warranty is limited to defects in materials and workmanship and expressly excludes damage or defects caused by or arising from:

- Minor glass imperfections which do not impair structural integrity or obscure normal vision, including slight bubbles, lines, surface imperfections or discolorations; any imperfections in the glass not detected from within ten feet whilst looking through the glass as per the guidelines established by federal standard ASTM C 1036-01; cracked or broken glass or damage resulting from accident including from impact or wind pressure, misuse or abuse; glass with films or coatings applied; and failure of insulated glass seal due to contact of finishing product.
- Warp beyond **one year** from date of shipment for any 3'3" wide by 8'0 high by 1 3/4", or smaller door panel, which does not exceed 1/4" in the plane of the door panel itself and that adversely affect the normal functioning of the door system; door panels wider and/or higher are not guaranteed for warp; warp, bow or misalignment of frame components that can be straightened during typical installation or occurring beyond one year from date of shipment;
- Structural integrity issues, including improper sizing of header and movement or sagging of framing or the header and flaws in building design and construction; improper installation not in conformance with our installation instructions; alignment of meeting panels; slight expansion or contraction due to varying environmental conditions; and panel movement (shrinkage) of 1/4" or less due to temperature and humidity;
- Water or water intrusion or air infiltration; design of an appropriate flashing system; failure to provide an adequate overhang and to prevent the effects of sheeting water from above; doors with ADA compliant, guide channel or zero-step sills, inswing, zero post corner and curved systems; and product installed in high moisture environments or in structures that fail to allow for the proper management of drainage or moisture;
- Accident, misuse, abuse, failure to follow the care and maintenance instructions and increased frequency of maintenance required in a corrosive environment or the seacoast in order to prevent damage from salt water; finish failures or corrosion of aluminum or damage to other components caused by chemicals or environment conditions including but not limited to air pollutants, acid rain, brickwash, muriatic acid, direct contact with concrete and salt spray; field modification of product; impact or wind pressure; exposure to conditions beyond published performance data; or as a result of any cause beyond our control (e.g. fire, flood, earthquake, other acts of nature, and acts of third parties outside of our control).
- Delay of more than seven (7) days in finishing product or exposure to weather; improper finishing of all surfaces of door panels and frame; normal wear and tear; natural weathering of surfaces or variations in the color or texture of the wood and aluminum or finish, including compared to samples; the appearance of field finished wood; plated finishes; surface checks that are less than 1/8" in width and/or 2" in length; solid wood sills; and damage caused by extreme temperature.
- Products purchased through us that are manufactured by a third party (including but not limited to the screens) and custom hardware); panels including glass that are manufactured by others and supplied to us for inclusion in our door system and

Limited Warranty



related panel and system performance; and special product that includes items manufactured according to customer supplied specifications or no hardware.

We are not responsible or liable for: Cost for labor, installation, removal or repainting, refinishing or similar activities connected with the replacement product or component; execution of service and costs incurred for shipping, handling, transferring, insuring and transporting; and incidental or consequential damages of any kind other than as mandated by applicable state law. This warranty is not a promise of future performance. Your exclusive remedy shall be repair, replacement or refund as stated in this warranty. If we determine that a defect exists that is covered by this limited warranty, we will elect to either repair the product or components or ship replacement product or components to the distributor or person making the warranty claim in the same condition as the product originally sold, subject to our right to substitute a similar product when the product originally sold has been discontinued or modified. We may elect to provide replacement glass with or without associated sash. LaCantina, in its sole discretion, may choose to repair the product as an option to replacement in full satisfaction of its warranty obligation. If we are unable to provide replacement and repair is not practical or cannot be made timely, then we may elect to refund the purchase price paid directly to us if the warranty applies. The warranty on any replacement product will extend for the balance of the original warranty period. It is the purchaser's sole responsibility for determining whether a product purchased from us is suitable for an end user's needs or application. All visible defects must be reported before installation and finishing. Claims under these warranties must be made within the specified warranty period and within 60 days of the appearance of a defect. Failure to report defects to us, as specified under the "Procedure for Warranty Claims" section, will void all express warranties. If the claimed defect is warp in door or frame components, we may defer repairing or replacing the door panel or frame component for a period up to twelve (12) months from the date of claim. It is not uncommon for temporary warp condition to occur as the door panel adjusts to local humidity and temperature conditions. Failure by the purchaser or end user to follow the installation and maintenance contained within this warranty required shall void any and all express warranties. This warranty shall be interpreted, construed and applied under the laws of the State of California. All disputes under this warranty shall first be decided by mutually agreeable mediator, with each side to bear its own fees and costs. If the dispute is not resolved through mediation, the dispute shall be submitted to a mutually agreeable arbitrator, pursuant to the arbitration rules of the State of California. The prevailing party to any claim filed under this limited warranty is entitled to reasonable attorney's fees, expert's fees and costs. La Cantina is entitled to attorney's fees, expert fees and testing fees regarding any dispute over the installation of its product.

This express limited warranty sets forth our maximum liability for our products. No one is authorized to modify or expand this express limited warranty. The absolute limit of our liability is the product purchase price from LaCantina. We shall not be liable for special, indirect, consequential, incidental, or punitive damages of any kind and all such claims are waived to the fullest extent permitted by applicable law. Your sole or exclusive remedy with respect to any and all losses and damages resulting from any cause whatsoever as specified herein. All LaCantina product is sold 'as is' and as such LaCantina disclaims any and all implied warranties. We make no other warranty or guarantee, either express or implied, including implied warranties of merchantability and of fitness for a particular purpose to the original purchaser or to any subsequent user of the product, except as expressly contained herein. The entire risk as to the quality and performance of the goods is with the buyer. In the event state or provincial law precludes exclusion or limitation of implied warranties, the duration of any such warranties shall be no longer than, and the time and manner of presenting any claim thereon shall be the same as, that provided in the express warranty stated herein.

PROCEDURE FOR WARRANTY CLAIMS

Please inspect your order immediately upon receipt. If you have a problem, immediately upon discovery contact the distributor or dealer from whom you purchased our product, or contact us directly.

Mail: La Cantina Doors, Inc. (Attention: Customer Service)
3270 Corporate View, Suite D, Vista, CA 92081
Phone: (888) 221 0141
Fax: (760) 734 1591
Email: customerservice@lacantinadoors.com

We can best respond if you provide the following: a) LaCantina order number b) date and location of purchase, c) how to contact you, d) the address of where the product can be inspected, and e) a description of the problem and the product (including photographs). All visible defects must be reported before installation and finishing. **Claims under these warranties must be made within the specified warranty period and within 60 days of the appearance of a defect.** We may charge a fee for on-site product inspections. However, this fee will be refunded if the product is found to contain a defect covered by this warranty.

Limited Warranty



INSTALLATION AND MAINTENANCE REQUIREMENTS

Our products must be stored, installed, maintained, repaired, and used in accordance with acceptable good trade practice and our supplied instructions in order to prevent damage and maintain your warranty.

INSTALLATION AND FINISHING

LaCantina Doors are a specialty product that you cannot assume to be a standard installation of a typical door or window. We are not liable for any defects or problems related to installation. LaCantina folding door systems are top hung and improper sizing of the header and movement and sagging of the header will affect product performance. It is important that the system is properly adjusted for smooth operation. Our products should be installed with adequate overhang and to prevent the effects of sheeting water from above. It is not our responsibility to design or recommend a flashing system appropriate for each job condition. We offer products that are designed to be weather resistant in exterior applications when installed and adjusted properly, however, because of certain conditions and applications over which we have no control, including but not limited to frame assembly and field adjustment, we do not warrant that our products are impervious to water or water intrusion and air infiltration. We recommend that a professional waterproofing consultant be used to properly integrate our product into the weather barrier of the wall structure.

Wood items are supplied unfinished. Product should be protected from moisture and excessive dryness and wood items must be finished within seven (7) days after jobsite delivery. Wood surfaces should be totally free of dust, dirt, grease, or any surface contamination. Ensure that all surfaces, interior and exterior, top and bottom, are thoroughly painted, varnished or sealed by acceptable industry finishing standards. Only use high quality sealants and finish materials for longer lasting performance against the elements, particularly from sun exposure. Do not paint or stain weather-strip, hardware, aluminum surfaces or glass and prevent finish materials from leaking behind the glazing bead. The solvents used in wood finishing may be incompatible with insulated glass unit sealants. Remove all weather-strip and do not lose pieces. Handle, escutcheon plates and drop bolts should be removed and paint or sealant applied behind. Stucco or concrete left on frame, doors and glass will damage these surfaces.

RECOMMENDED MAINTENANCE PROCEDURES

Normal and regular maintenance is required to maintain the appearance and extend the finish life and maintain proper operation. The following maintenance procedures are recommended.

TRACKS AND BEARINGS: Remove surface contaminants by wiping visible track surfaces with a damp soft cloth and a mild detergent, then wipe dry with a clean cloth. Using a suitable applicator spread a small amount of clear petroleum jelly or similar lubricant. Ensure that the carrier wheels pass through the lubricant so that it is distributed evenly along the track. Place additional lubricant around the bearings. In severe environments, apply a thin film of WD40. Always keep bottom guide channel free from debris.

HANGERS, PIVOTS, BRACKETS AND HINGES: Exposed surfaces should be wiped down with warm soapy water and a soft rag, and then rinsed clean before applying new surface protectants. A light spray application of WD40, followed by a light wipe with a dry cloth to remove excess is recommended for all hangers, pivots, brackets and hinges. Be careful not to get these compounds on wood items as they may cause staining. For oil rubbed bronze finish, care should be taken when cleaning or re-applying surface protectants.

DROP BOLTS: Spraying WD40 to the sliding pin inside the drop bolt and to the lock cylinder (if applicable) is recommended. There are access holes or slots on all drop bolts so that this can be completed without removing the locks from the doors.

ALUMINUM COATINGS: Exposed surfaces should be cleaned with mild detergent soap and water. Any chips or scratches must be repaired immediately and not left exposed to the elements.

WOOD COMPONENTS: All wood component parts and finishes must be inspected annually for damage resulting from exposure to the elements and repaired immediately.

FREQUENCY: The procedures above need to be carried out as often as necessary to prevent deterioration in the installed environment. However, we recommend the following minimum maintenance frequency: General environments: every 6 months. Marine, industrial or corrosive environments: every 3 months.