

ARCHITECTURAL - DOOR & WINDOW SYSTEMS



# ARCHITECTURAL

DOOR & WINDOW SYSTEMS

SPECIFICALLY DESIGNED AND TESTED FOR:  
MULTI-FAMILY, HOSPITALITY, MILITARY HOUSING, STUDENT HOUSING, SENIOR ASSISTED LIVING

STEEL ENTRY DOORS • FIBERGLASS ENTRY DOORS • DOOR FRAMES • ALUMINUM STORM DOORS  
ALUMINUM STORM WINDOWS • VINYL SLIDING PATIO DOORS • VINYL WINDOWS

# THE PROFESSIONAL WAY

ProVia® has developed a competitive position by catering to a niche market that demands a high degree of customization coupled with superior quality. You will find attention to detail is what our customers have come to appreciate and expect from us. We're building your windows and our company to **last a lifetime - it's The Professional Way!**

We've been building a reputation for quality since our company was founded over 40 years ago near Sugarcreek, Ohio, in the heart of Amish country, an area well known for quality and craftsmanship. While old-world craftsmanship is very much a part of our culture, it's supported by modern design techniques and state-of-the-art manufacturing processes. We've created the perfect balance between traditional quality and modern technology.

## CUSTOM CAPABILITIES

The materials, as well as the workmanship, give our custom made doors their exceptional quality and durability, far exceeding what is available in a ready-made door. Unlike consumer grade doors, professional-class doors are customized to your exact measurements for a better fit and a more secure and energy efficient door.

**Entry Systems custom tailored for you.**

**11  
TIME**

Partner of the  
Year Award



**90%+** of Windows and Doors  
are ENERGY STAR®  
Certified

**40+** Professional-Class  
Exterior Building  
Product Lines

## DOORS | WINDOWS | SIDING | STONE | ROOFING



6 Facilities in the United States

**900+**

Associates Nationwide

Our Mission:

— TO SERVE, BY CARING FOR —  
**DETAILS**  
IN WAYS OTHERS WON'T

Doing Business Since

**1977**

**19**

Core Values

**200+**

Metric Tons of CO<sup>2</sup>  
Saved Annually

**1,900+**

Tons of metals, paper, glass and vinyl  
recycled annually at ProVia facilities

Visit [provia.com](http://provia.com) to explore all of our products and options or  
download the app.



## ENVIRONMENTAL STEWARDSHIP

ProVia®'s ENERGY STAR® certified doors and windows are independently tested and certified to meet strict energy-efficiency standards set by the Environmental Protection Agency. The EPA has awarded ProVia twelve times, four for Partner of the Year, seven for Partner of the Year – Sustained Excellence, and once for Excellence in Promotion for our outstanding efforts to promote and educate our communities on the importance of saving energy.



At ProVia, not only do we manufacture energy efficient products, but we also exercise corporate environmental stewardship. Here are a few examples:

- We use Honeywell's fourth generation Solstice® Liquid Blowing Agent that was formulated to be nonflammable while significantly lowering global warming potential and improve energy efficiency.
- We recycle paper, metals and glass.
- Solar energy panels are being used at three production facilities as part of the company's effort to lower energy costs.
- Our Pollution Prevention Program dramatically reduced solvent usage.
- To save fuel, our trucks use the TriPac™ Idle Reduction and Temperature Management System.
- Paperless online ordering and internal paperless fax system reduces paper usage.



For more information, visit the Environmental Stewardship section of our website at: [provia.com/esproducts](http://provia.com/esproducts)



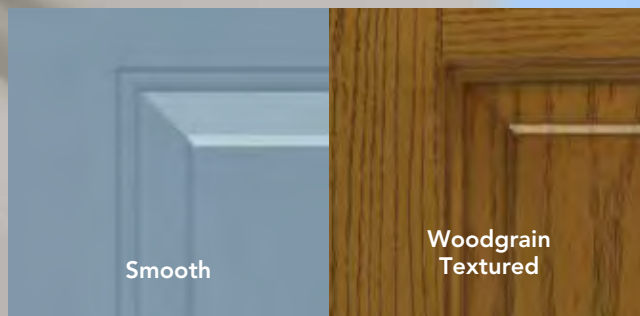
# STEEL DOORS

## DOOR STYLES

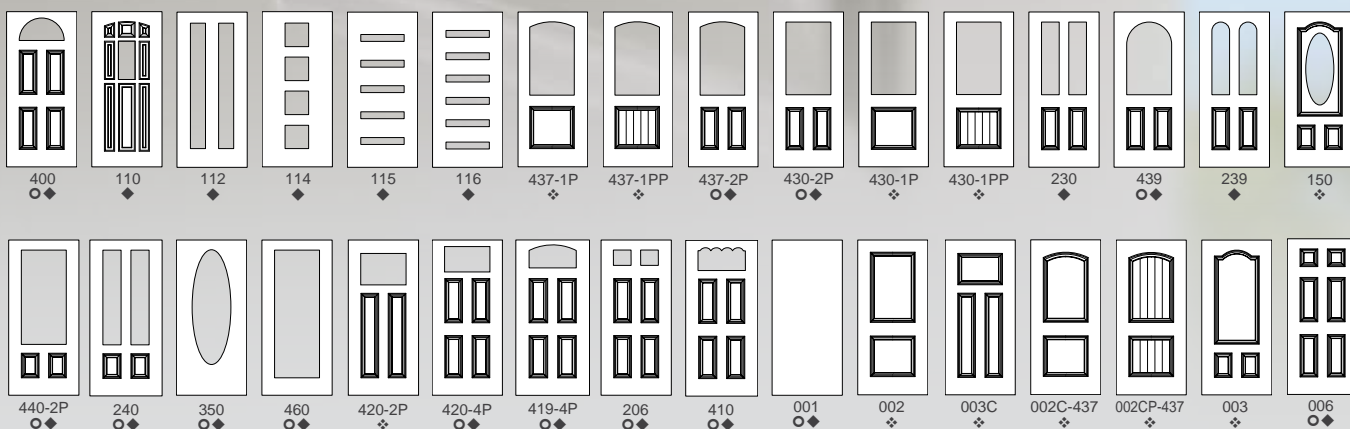
Our steel door features add up to a professional-class product. Whether you select Woodgrain Textured Steel or Smooth Steel, our entry systems will provide an elegant, durable and energy efficient entryway.

## CUSTOM WIDTHS & HEIGHTS

Need a little more height or a little less width? We are pleased to offer customized door widths and heights in 1/8" increments.

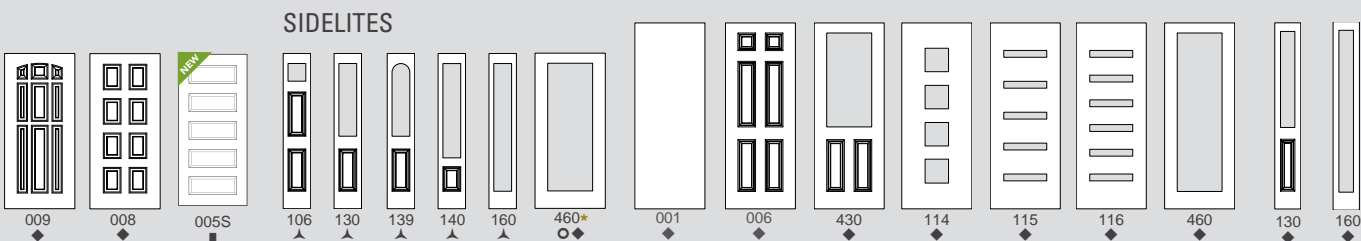


## DOOR STYLES



### 8' DOORS

### 8' SIDELITES

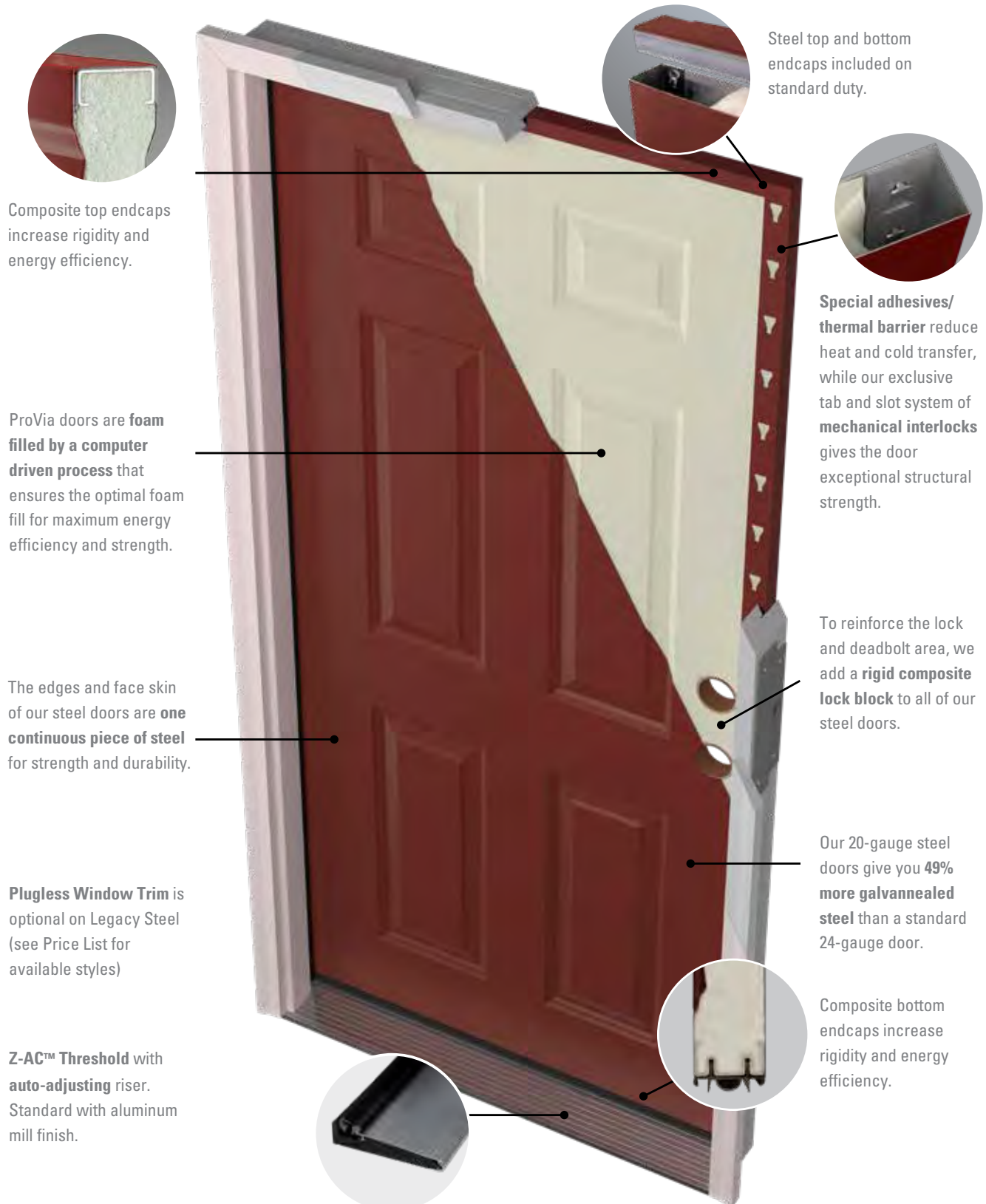


- 20-gauge Woodgrain Textured Steel
- ◆ 20-gauge Smooth Steel
- ❖ 20-gauge Smooth Steel with High-Definition Embossing
- ▲ 24-gauge Smooth or Textured Steel (used with all 20-gauge doors)
- 20-gauge smooth shaker

† Patent - USD621062



# STEEL DOOR ADVANTAGES



# STEEL DOORS

## 20-GAUGE STEEL ENTRY DOORS - STANDARD DUTY

### 20-GAUGE SMOOTH & TEXTURED STEEL

- Energy Efficient Polyurethane Foam Core
- Architecturally Correct Woodgrain Texture (Textured Steel Only)
- Clean Elegant Smooth Look
- Strong Mechanical Tab and Slot Construction
- Energy Efficient Weatherstripping
- Factory Pre-Finishing is Available

### STEEL DOOR TESTING

Doors have been tested and certified to NFRC (National Fenestration Rating Council) 100 and NFRC 200 guidelines enabling the ENERGY STAR Thermal Performance Qualification.

#### PHYSICAL ENDURANCE TEST

**Test Performed:** In-House SDI 131 Physical Endurance Test

**Result:** Level A, 1,000,000

#### IMPACT TEST

**Test Performed:** In-House ASTM F476 Forced Entry Test

**Result:** Maximum Security Level of 40

#### ACOUSTICAL PERFORMANCE TEST

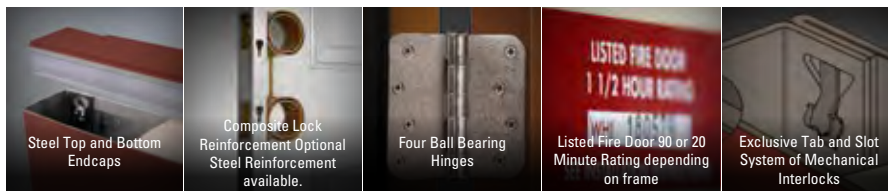
**Test Performed:** ASTM E90

**Result:** Sound Transmission Class (STC) 23

#### FIRE RESISTANCE TEST

**Test Performed:** CAN4 S 104, UL 10C, NFPA 252

**Result:** 90 Minute Positive Pressure with Hose Stream with 16-Gauge Steel Frame



### STEEL DOOR STANDARD SPECIFICATIONS

Standard duty; 20-gauge (0.032") faces

#### FACE MATERIAL

Galvannealed steel shall comply with ASTM A 653 and A 924

#### DOOR TOP & BOTTOM REINFORCEMENTS

Steel Top and Bottom Endcaps

#### HINGE REINFORCEMENTS

With closer 10 Gauge  
Without closer 20 Gauge

#### HINGES

Four ball bearing hinges

#### LOCKSET & DEADBOLT REINFORCEMENTS

Minimum thickness of .067" (16-gauge). Thread formed to be the equivalent to 14-gauge.

#### DOOR CORE

Polyurethane foam filled and fully bonded to face sheets. Total product U-factor as low as 0.21.

#### FRAME

4 $\frac{1}{8}$ " Full Wood Frame

#### THRESHOLD

Aluminum Threshold

#### PAINT

1 color both sides (inside frame painted to match)

#### WINDOW TRIM

Standard (where applicable)

#### CLOSER REINFORCEMENT

14-Gauge

#### STRIKE LOCATION

42" - 6" Center-to-Center

### ADDITIONAL AVAILABLE OPTIONS

- Hardware Prep
- Facebore
- 16-Gauge Rim Lock Box
- 16-Gauge Mortise Lock Box
- 14-Gauge Panic Reinforcement
- Panic Hardware Available
- Edge Preps 1"x 2 $\frac{1}{4}$ ", 1 $\frac{1}{8}$ "x 2 $\frac{1}{4}$ ", 1 $\frac{1}{4}$ "x 8"
- No Face Prep
- Mortise Face Prep
- 1 $\frac{1}{8}$ " or 2 $\frac{1}{8}$ " Cylindrical Lockset Facepreps
- Strike Plate Preps: 2 $\frac{1}{4}$ " or 4 $\frac{1}{8}$ "
- 20 or 90 Minute Fire Rating
- 16-Gauge Hollow Metal Masonry Frame
- 16-Gauge Hollow Metal Drywall Frame
- Threshold Options: No Threshold, Saddle Threshold, ADA Compliant Threshold
- All Glass Styles + Laminated Glass with Cellular PVC Trim, Laminated Glass with Aluminum Trim, Fire Rated Glass and Trim (up to 100 in<sup>2</sup>)

# 20-GAUGE STEEL ENTRY DOORS - LIGHT DUTY



## 20-GAUGE SMOOTH & TEXTURED STEEL

- Energy Efficient Polyurethane Foam Core
- Architecturally Correct Woodgrain Texture (Textured Steel Only)
- Clean Elegant Smooth Look
- Strong Mechanical Tab and Slot Construction

## STEEL DOOR TESTING

Doors have been tested and certified to NFRC (National Fenestration Rating Council) 100 and NFRC 200 guidelines enabling the ENERGY STAR Thermal Performance Qualification.

### PHYSICAL ENDURANCE TEST

**Test Performed:** In-House SDI 131 Physical Endurance Test

**Result:** Level A, 1,000,000

### IMPACT TEST

**Test Performed:** In-House ASTM F476 Forced Entry Test

**Result:** Maximum Security Level of 40

### ACOUSTICAL PERFORMANCE TEST

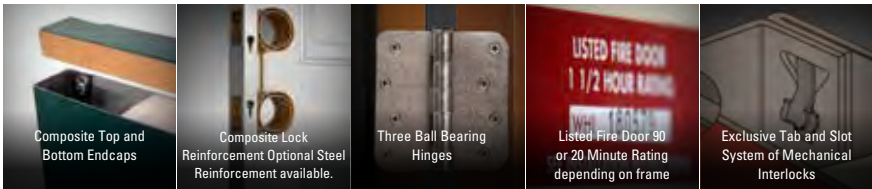
**Test Performed:** ASTM E90

**Result:** Sound Transmission Class (STC) 23

### FIRE RESISTANCE TEST

**Test Performed:** CAN4 S 104, UL 10C, NFPA 252

**Result:** 90 Minute Positive Pressure with Hose Stream with 18-Gauge Steel Frame



## STEEL DOOR STANDARD SPECIFICATIONS

Light duty, 20-gauge (0.032") faces

### FACE MATERIAL

Galvannealed steel shall comply with ASTM A 653 & A 924

### DOOR TOP & BOTTOM REINFORCEMENTS

Fiberglass Channels (For fire rated doors, or doors with closers, Steel Channels are used)

### HINGE REINFORCEMENTS

With closer 10 Gauge  
Without closer 20 Gauge

### HINGES

Three ball bearing hinges (optional 4th ball bearing hinge available)

### DOOR CORE

Polyurethane foam filled and fully bonded to face sheets.  
Total product U-factor as low as 0.21.

### FRAME

4 1/8" Full Wood Frame

### THRESHOLD

Z-AC™ Threshold Aluminum Mill Finish

### PAINT

1 color both sides

### WINDOW TRIM

Standard (where applicable)

### EDGE PREP

1" x 2 1/4"

### LOCKSET & DEADBOLT STRIKE PLATE PREP

Standard (34 3/4") (2 1/4") 5 1/2" Center-to-Center

### LOCKSET

Schlage F51N Georgian Knob

### DEADBOLT

Schlage B60 Thumbturn (Grade 1)

### HARDWARE REINFORCEMENT

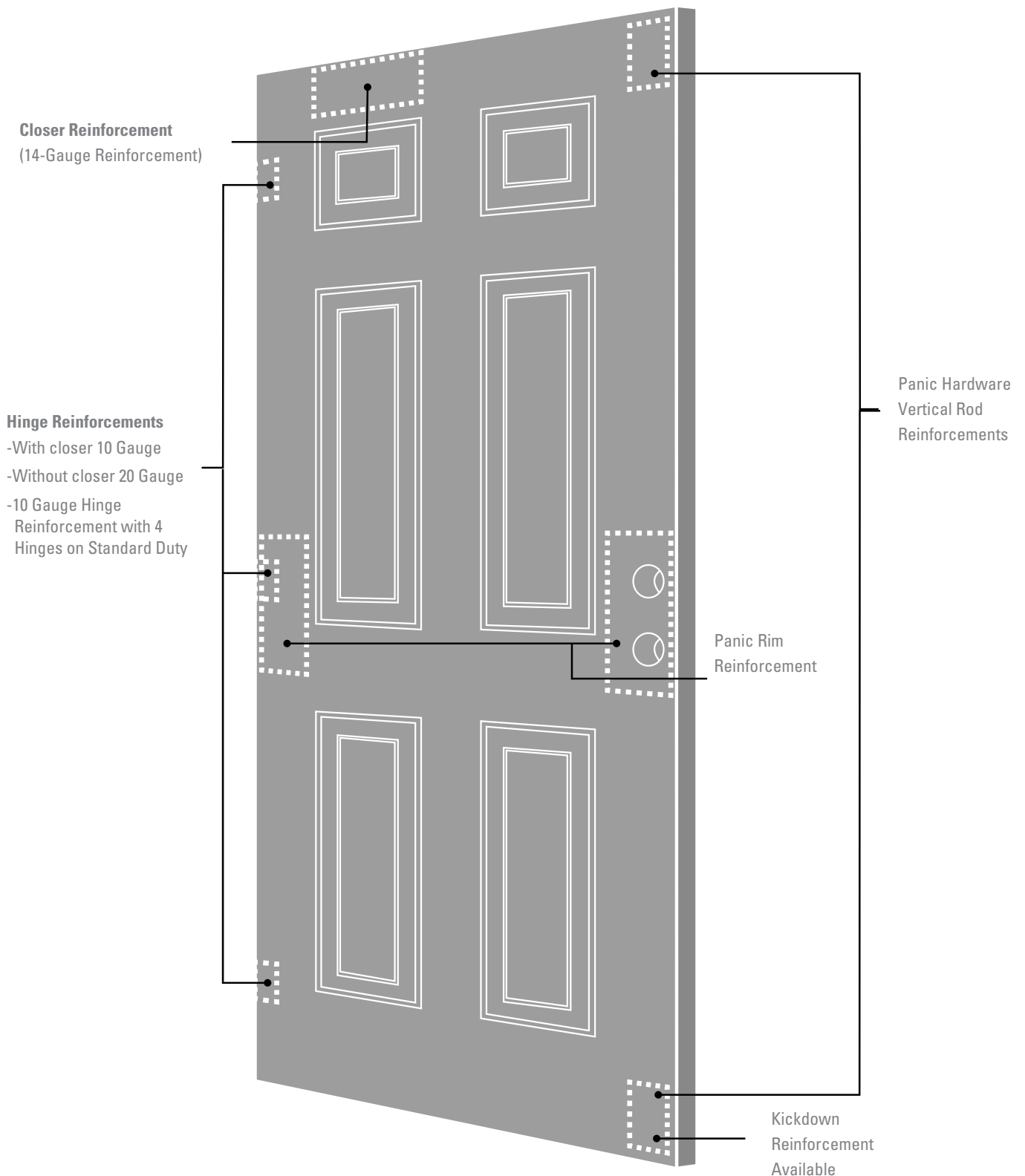
Composite Lock Block

## ADDITIONAL AVAILABLE OPTIONS

- 16-Gauge Rim Lock Box
- 16-Gauge Mortise Lock Box
- No Edge Prep
- No Face Prep
- 14-Gauge Closer Reinforcement
- Mortise Lock Box
- Edge Preps 1 1/2" x 2 1/4", or 1 1/4" x 8" or Trilennium
- Mortise Face Prep
- 1 1/2" or 2 1/4" Cylindrical Lockset Facepreps
- 2 1/2" Cylindrical Deadbolt Face Prep
- 4 7/8" Strike Plate Prep
- 20 or 90 Minute Fire Rating
- 18-Gauge Hollow Metal Masonry Frame
- 18-Gauge Hollow Metal Drywall Frame
- 18-Gauge Redi-Flex Adjustable Steel Frame
- Threshold Options: No Threshold, Saddle Threshold, ADA Compliant Threshold
- All Glass Styles + Laminated Glass with Standard Trim, Laminated Glass with Aluminum Trim, Fire Rated Glass and Trim (up to 100 in²)
- Cylindrical Commercial Hardware and Preps



# REINFORCEMENT OPTIONS





Shown With Panic Rim  
Device, QDC312 Closer  
and Kickdown

# FIBERGLASS DOORS

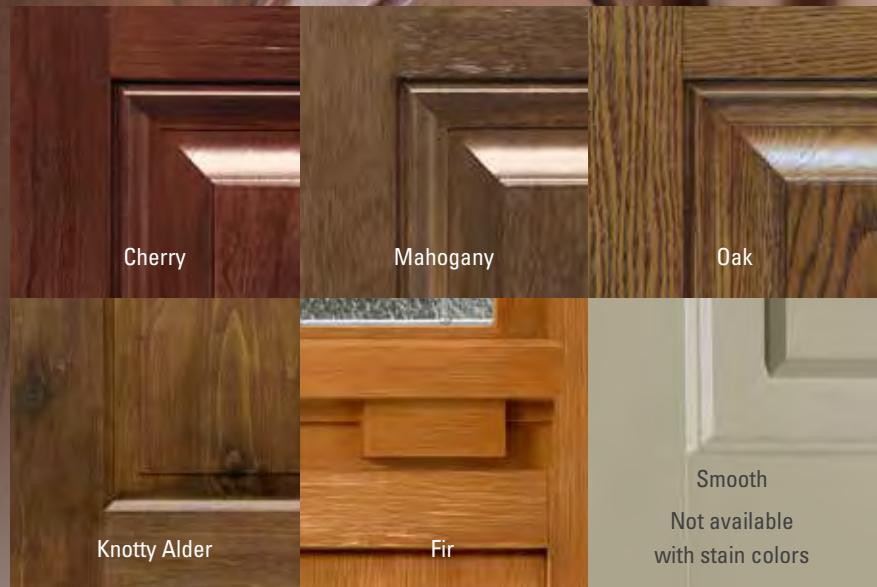
## STANDARD DUTY

Patent Pending

Our Fiberglass doors are available in Cherry, Mahogany, Oak, Fir and Smooth Series. Structurally, our door is far superior to traditional fiberglass doors with robust hardwood stiles and rails dovetailed at each corner. All fiberglass doors exhibit our exclusive DuraFuse™ finishing system featuring P<sup>3</sup> Fusion which gives our doors lasting finish durability.

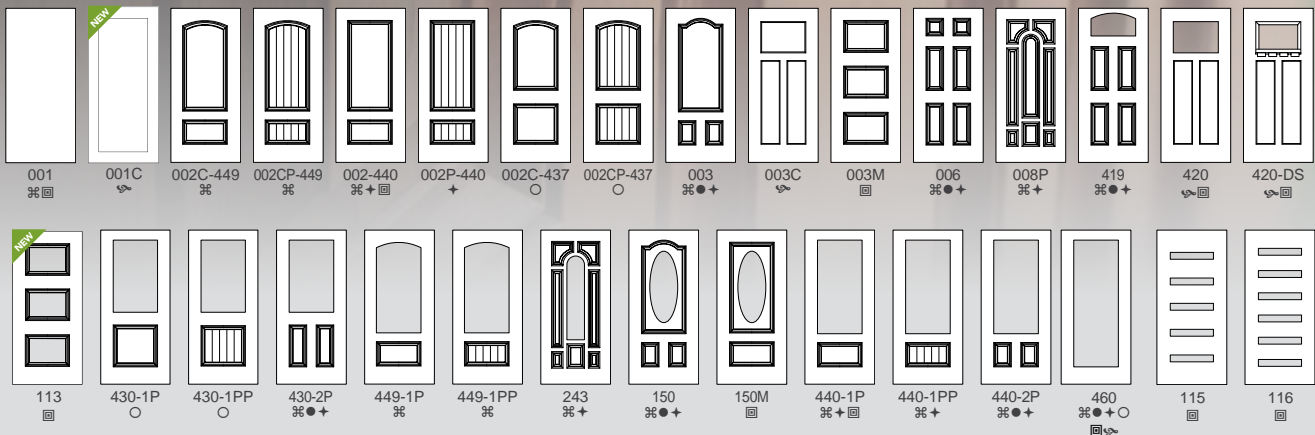
## CUSTOM WIDTHS & HEIGHTS

Need a little more height or a little less width? We are pleased to offer customized door widths and heights in 1/8" increments.



See page 22 for Fiberglass paint and stain finishes.

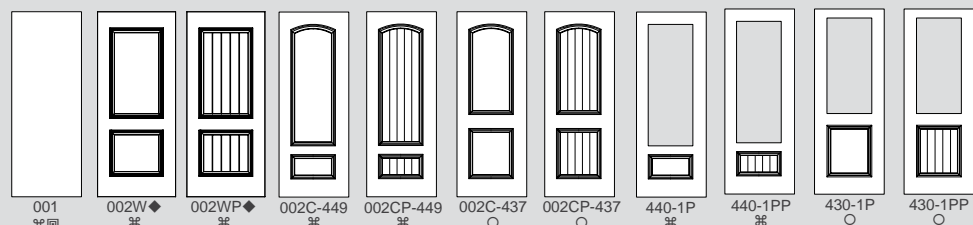
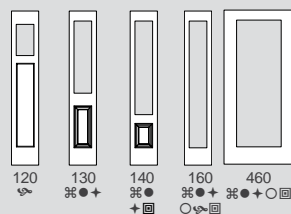
## DOOR STYLES



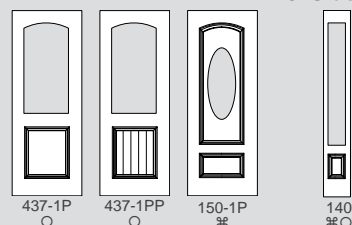
## 8' Doors

Not available as French Doors

### Sidelite Styles



## 8' Sidelite



- ☞ Cherry Series
- Mahogany Series
- + Oak Series
- Knotty Alder Series
- ☞ Fir Series
- ☞ Smooth Series
- ◆ Only available in 42" x 96" size



# STANDARD DUTY FIBERGLASS ADVANTAGES



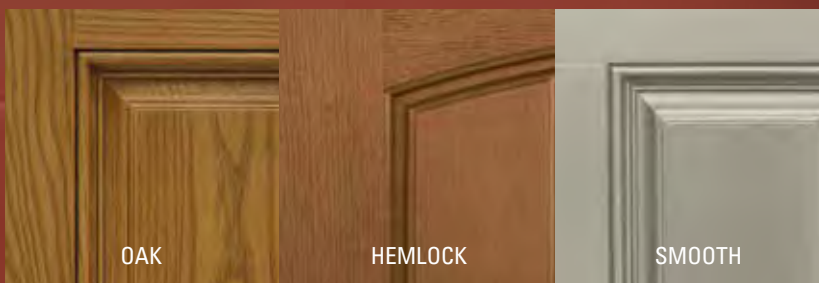
# FIBERGLASS DOORS

## LIGHT DUTY

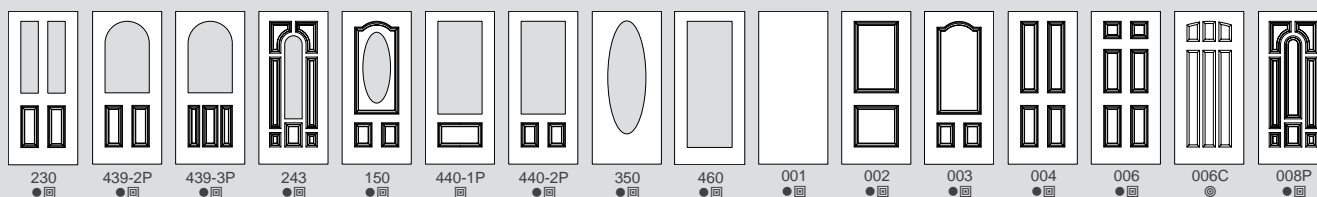
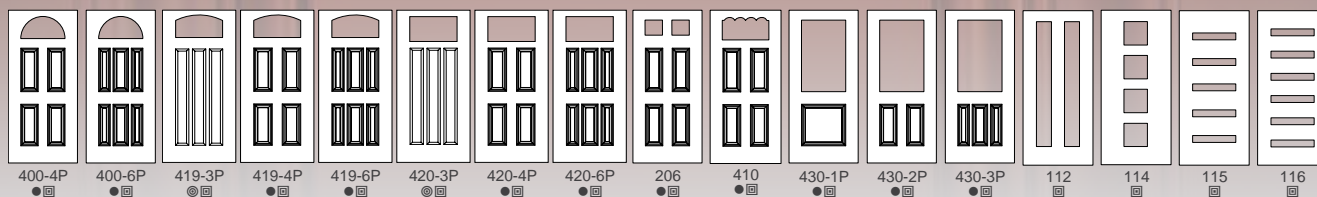
Our fiberglass doors feature enhanced woodgrain texture, improved definition, embossing and a hardwood edge to prevent warping.

## CUSTOM HEIGHTS

Need a little more height? We are pleased to offer customized door heights in 1/8" increments.

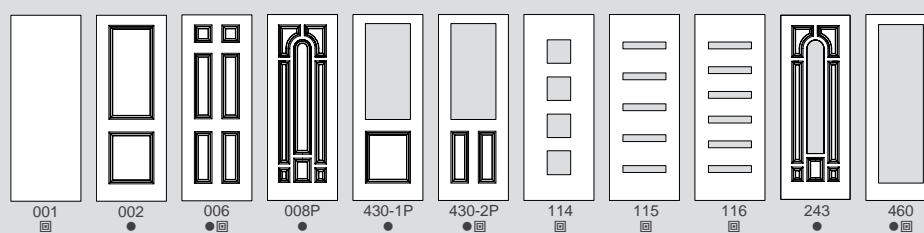
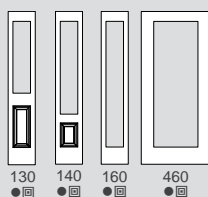


## DOOR STYLES

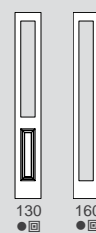


### 8' DOORS

#### SIDELITES

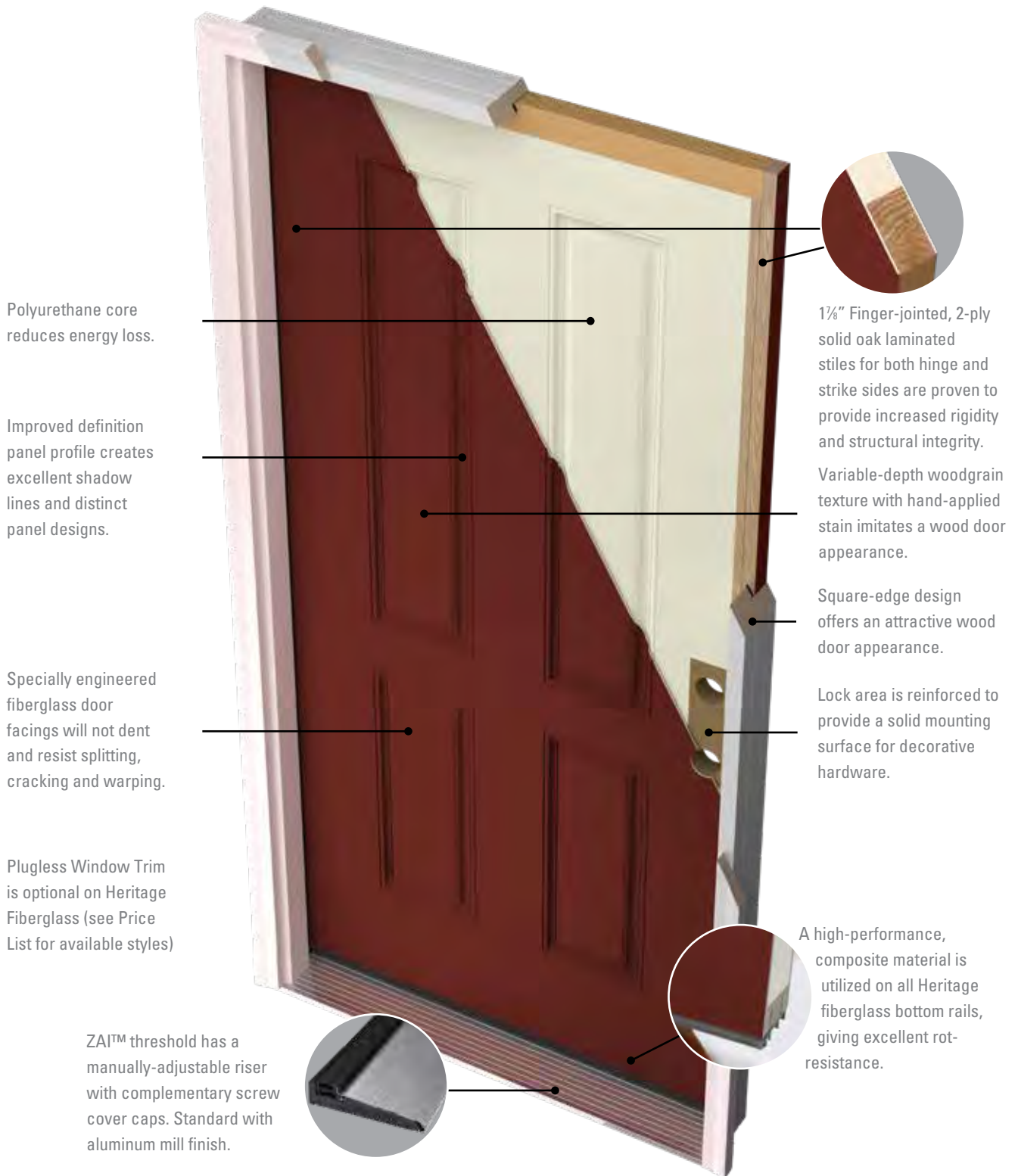


### 8' SIDELITES



- Oak Grain Pattern
- Hemlock Grain Pattern
- Smooth Fiberglass

## LIGHT DUTY FIBERGLASS ADVANTAGES





# FIBERGLASS ENTRY DOORS

## STANDARD DUTY



### FIBERGLASS

- Realistic Woodgrain Appearance from nickel vapor deposition technology
- Energy Efficient Polyurethane Foam Core
- Architecturally Correct Woodgrain Texture
- Strong Solid Wood Perimeter Frame
- Z-AC™ is Standard
- Energy Efficient Weatherstripping
- Factory Pre-Finished
- DuraFuse Finishing System Featuring P<sup>3</sup> Fusion

### FIBERGLASS DOOR TESTING

Doors have been tested and certified to NFRC (National Fenestration Rating Council) 100 and NFRC 200 guidelines enabling the ENERGY STAR Thermal Performance Qualification.

#### FORCED ENTRY TEST

**Test Performed:** ASTM F476 Forced Entry Test  
**Result:** Maximum Security Level of 40

#### WIND LOAD RATING TEST

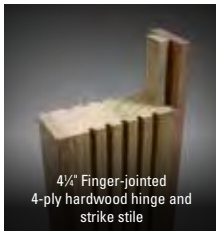
**Test Performed:** ASTM E330-97 Structural Performance  
**Result:** DP (Design Pressure) = ±55 psf for 3' 0" x 6' 8" Opaque Inswing Door

#### ACOUSTICAL PERFORMANCE TEST

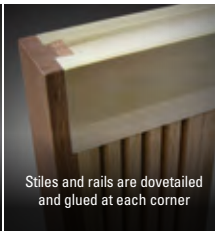
**Test Performed:** ASTM E90  
**Result:** STC=26 Standard Opaque Door

#### FIRE RESISTANCE TEST

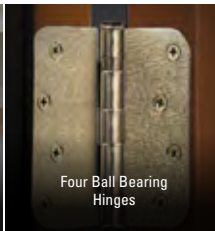
**Test Performed:** NFPA 252, CAN4 S 104, UL10C  
**Result:** 20 Minute Category A, Positive Pressure with Category C Frame



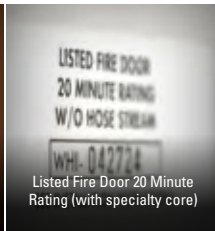
4 1/4" Finger-jointed  
4-ply hardwood hinge and  
strike stile



Stiles and rails are dovetailed  
and glued at each corner



Four Ball Bearing  
Hinges



Listed Fire Door 20 Minute  
Rating (with specialty core)

### FIBERGLASS DOOR STANDARD SPECIFICATIONS

Fiberglass Slab with High Definition Woodgrain Face

#### FRAME

4 5/8" Full Wood Frame

#### DOOR TOP & BOTTOM REINFORCEMENTS

Poplar Top Rail & Composite Bottom Rail

#### PERIMETER

4-Ply, Finger-Jointed Solid Wood

#### DOOR EDGES

Door edges of Cherry, Oak, Mahogany and Fir

#### DOOR CORE

Polyurethane Core: Foamed in place polyurethane with a U-factor as low as .16

#### HINGES

Four Ball Bearing Hinges

#### HARDWARE

None

#### FACEBORE/EDGE PREP

None

#### WARRANTY

Non-Residential Warranty

#### PAINT

1 color both sides (inside frame painted to match)

#### WINDOW TRIM

Standard (where applicable)

#### STRIKE LOCATION

42"

#### LOCKSET & DEADBOLT PREP

6" Center to Center

### ADDITIONAL AVAILABLE OPTIONS:

- Wood Closer Reinforcement
- Wood Panic Reinforcement
- Panic Hardware Available
- 4 1/4" panic bar reinforcement
- Mortise Face Prep
- Edge Preps 1" x 2 1/4", 1 1/8" x 2 1/4", 1 1/4" x 8"
- 2 1/8" Cylindrical Deadbolt Facepreps
- 1 5/8" or 2 1/8" Cylindrical Lockset Facepreps
- Strike Plate Preps: 2 1/4" or 4 1/8"
- 20 Minute Fire Rating
- 16-Gauge Hollow Metal Masonry Frame
- 16-Gauge Hollow Metal Drywall Frame
- Threshold Options: No Threshold, Saddle Threshold, ADA Compliant Threshold
- All Glass Styles

# FIBERGLASS ENTRY DOORS - LIGHT DUTY

## FIBERGLASS

- Textured or Smooth Appearance
- Energy Efficient Polyurethane Foam Core
- Architecturally Correct Woodgrain Texture
- Strong Solid Wood Perimeter Frame
- Aluminum Threshold is Standard
- Energy Efficient Weatherstripping
- Factory Pre-Finished
- DuraFuse Finishing System Featuring P<sup>3</sup> Fusion

## FIBERGLASS DOOR TESTING

Doors have been tested and certified to NFRC (National Fenestration Rating Council) 100 and NFRC 200 guidelines enabling the ENERGY STAR Thermal Performance Qualification.

### FORCED ENTRY TEST

**Test Performed:** ASTM F476 Forced Entry Test

**Result:** Maximum Security Level of 50

### WIND LOAD RATING TEST

**Test Performed:** ASTM E330-97 Structural Performance

**Result:** DP (Design Pressure) = ±55 psf for 3' 0" x 6' 8" Opaque Inswing Door

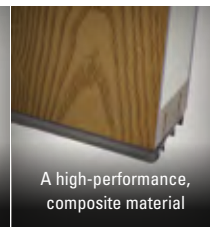
### ACOUSTICAL PERFORMANCE TEST

**Test Performed:** ASTM E90

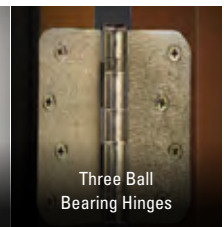
**Result:** STC=21 Standard Opaque Door



17/8" Finger-jointed, 2-ply solid oak laminated stiles



A high-performance, composite material



Three Ball Bearing Hinges

## FIBERGLASS DOOR STANDARD SPECIFICATIONS

Fiberglass Slab with High Definition Woodgrain Face

### FRAME

4 7/8" Full Wood Frame

### DOOR TOP & BOTTOM REINFORCEMENTS

Wood Top Rail, Composite Bottom

### PERIMETER

2-ply, Finger-jointed Solid Wood

### DOOR EDGES

Oak

### DOOR CORE

Polyurethane

### HINGES

Three Ball Bearing Hinges

### THRESHOLD

ZA<sup>TM</sup> Threshold

### HARDWARE

Lockset: Schlage F51N Georgian Knob  
Deadbolt: Schlage B60 Thumbturn (Grade 1)

### EDGE PREP

1 x 2 1/4" Rounded

### WARRANTY

Non-residential Warranty

### PAINT

One Color Both Sides

### WINDOW TRIM

Standard (Where Applicable)

### STRIKE LOCATION

34"

### LOCKSET & DEADBOLT PREP

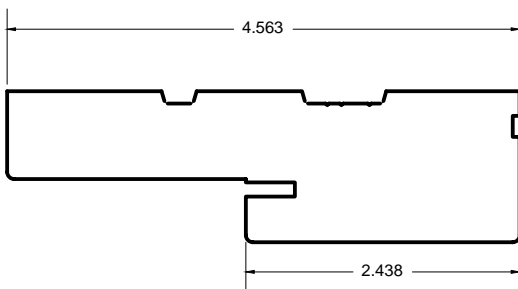
2 1/8" Facebore, 5 1/2" Center to Center

## ADDITIONAL AVAILABLE OPTIONS:

- Edge Preps 1" x 2 1/4", or 1 1/2" x 2 1/4"
- 18-Gauge Hollow Metal Masonry Frame
- 18-Gauge Hollow Metal Drywall Frame
- 18-Gauge Redi-Flex Adjustable Steel Frame
- All Glass Styles
- Plugless Trim
- 4th Hinge

# FULL WOOD FRAME

## LIGHT DUTY AND STANDARD DUTY



- Available In Custom Frame Depths
- 20-Gauge Steel Security Plate at Strike Area
- Endgrain is Treated to prevent rotting

### FRAMESAVER®



**Shrinking and swelling** occur from changes in relative humidity in the atmosphere. **Water wicks** up through wood fibers resulting in **paint peeling, rot and mold**. Traditional door frames begin to rot within 3-6 months of field installation.

Our **finger-jointed composite bottom** never absorbs water, warps, cracks or rots, and paints and finishes just like wood. Plus, FrameSaver is backed by the industry's only **fully-transferable lifetime limited warranty** for ultimate peace of mind.

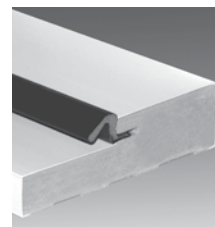
### FRAME CLADDING OPTION

- PVC Coated Aluminum Cladding
- Match Most of Our Paint Colors
- Pre-Fitted for Custom Frame Depths
- Completely Maintenance Free Exterior
- No Follow-Up Painting is Required
- Now Also Available in Four Smooth Cladding Colors.



### COMPOSITE FRAME OPTION

Our Composite door frame system option combines all the strength and convenience of wood with enhanced properties that make it moisture and insect resistant. Composite frame will not absorb or wick moisture and will never rot or splinter.



- Smooth white finish (inside frame rabbet is painted to match inside door color)
- Standard 4 $\frac{9}{16}$ " frame depth
- Available for steel or fiberglass doors
- Available for Single doors, French doors, Sidelites and Rectangle Transoms
- Standard Brickmold, Brickmold with Nailing Fin, 3 $\frac{1}{2}$ " Flat Brickmold, 5 $\frac{1}{2}$ " Flat or Custom Width Flat Brickmold up to 5 $\frac{1}{2}$ "†
- Frame Extensions from 4 $\frac{3}{4}$ " up to 12 $\frac{1}{16}$ "
- Custom Mullion Build-Up between door and sidelite†

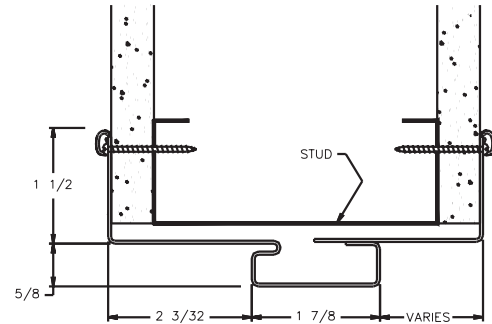
† Requires cladding for the entire unit.

### Full Wood Frame

Rough Opening Sizes				
	20-Gauge Steel Standard Duty	20-Gauge Steel Light Duty	Fiberglass Standard Duty	Fiberglass Light Duty
36" x 80" Single Door Width x Height	38" x 82"	38" x 82"	38" x 82"	38" x 82"
36" x 80" With One 12" Sidelite Combo Door Width x Height	51 $\frac{1}{16}$ " x 82"	51 $\frac{1}{16}$ " x 82"	51 $\frac{1}{16}$ " x 82"	51 $\frac{1}{16}$ " x 82"

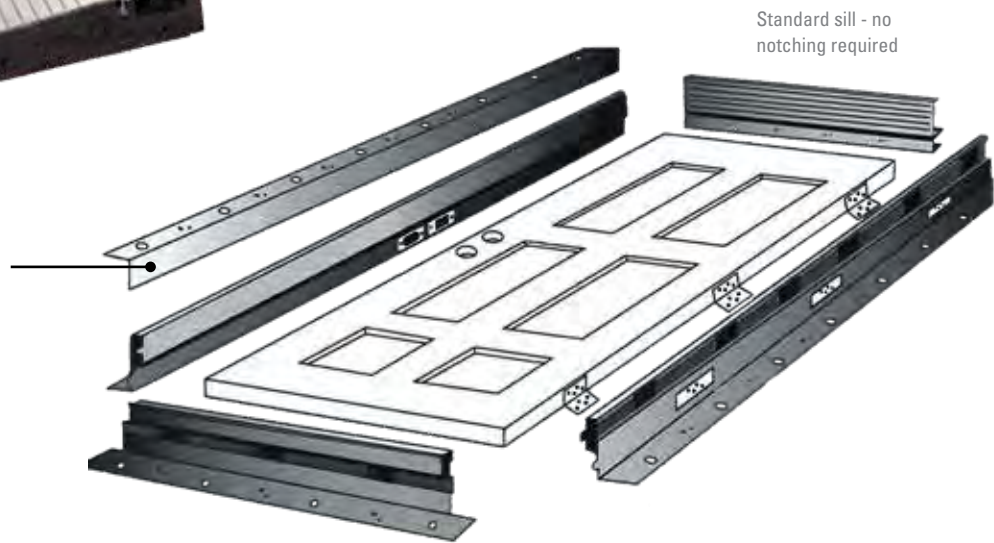


# REDI-FLEX® ADJUSTABLE STEEL FRAME



- Adjustable Throat Frame Designed for Prehang Applications
- 4½" to 12½" wall sizes (1" adjustment). Wall thickness greater than 7½" will be special order.
- ⅝" Stop Height
- Standard Frame is Cold-Rolled Steel per ASTM A366
- Prepped with Anchoring Holes with Vision Slot for Wood Casing
- 90 Minute Positive Pressure Fire Rating
- S56 Steel Colonial Casing, Aluminum Casing, or Steel Casing Prep Optional
- Accommodates Non-standard Wall Size
- Also Available With Panic Rim Hardware

18-gauge trim piece.  
Available for walls 4½" to  
12½" in 1" increments.  
Wall thickness greater than 7½"  
will be special order.



## Redi-Flex Adjustable Steel Frame

Rough Opening Sizes				
	20-Gauge Steel Standard Duty	20-Gauge Steel Light Duty	Fiberglass Standard Duty	Fiberglass Light Duty
32" x 80" Single Door Width x Height	N/A	33 x 81⅝"	N/A	33 x 81⅝"
36" x 80" Single Door Width x Height	N/A	37 x 81⅝"	N/A	37 x 81⅝"

# INSTALLATION FRAMES

## STEEL FRAMES

### 16-GAUGE HOLLOW METAL MASONRY FRAME

(STANDARD DUTY - 4 HINGES)



#### WIDTH

Nominal Door Width	Rough Opening Width
30"	34 $\frac{1}{8}$ "
32"	36 $\frac{1}{8}$ "
34"	38 $\frac{1}{8}$ "
36"	40 $\frac{1}{8}$ "
42"	46 $\frac{1}{8}$ "
60"	64 $\frac{1}{4}$ "
64"	68 $\frac{1}{4}$ "
72"	76 $\frac{1}{4}$ "

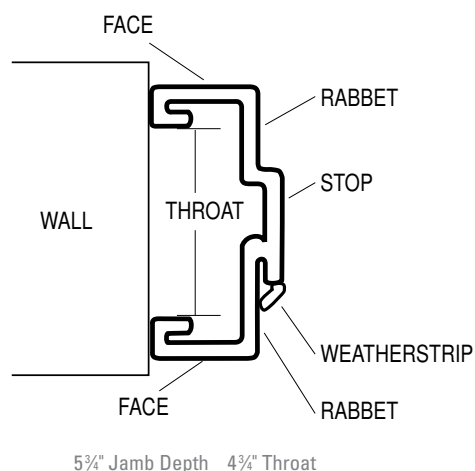
#### HEIGHT

Nominal Door Height	Rough Opening Height
80"	82 $\frac{1}{4}$ "
84"	86 $\frac{1}{4}$ "

- 16-Gauge, A40 Galvanized Steel Construction
- Knock-Down Design
- 18-Gauge Corner Reinforcements to Maintain Proper Miter Alignment
- Welded-In Expansion Bolt Anchors for Masonry Frames

- Built-in Strike Mortised Boxes
- Tab and Slot Construction
- 16-Gauge Frames Have Four Hinges
- Strike Jamb Mortised and Reinforced with 18-Gauge Welded-in Reinforcements

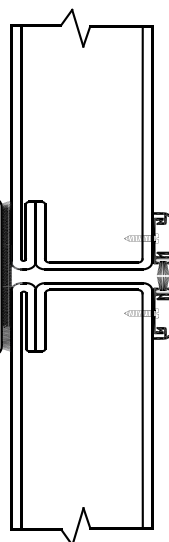
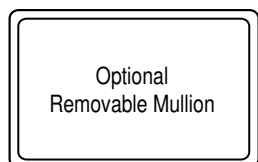
- 12-Gauge Hinge Reinforcements on 4" Hinges
- Pre-Finished to Match Door Slab (optional)
- Simple Labor Installation
- Kerfed Stop with Q-Lon Weatherstripping
- Saddle Threshold



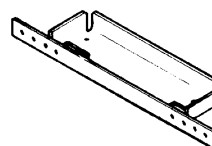
#### FRENCH DOORS

##### COMMERCIAL BYPASS ASTRAGAL WITH OPTIONAL REMOVABLE MULLION

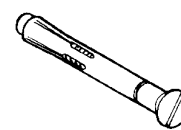
(Also available with 16-Gauge Drywall Frame)



#### ANCHORS



Wood or Metal Stud Anchor



Dynabolt

# 16-GAUGE HOLLOW METAL DRYWALL FRAME

## (STANDARD DUTY - 4 HINGES)



### WIDTH

Nominal Door Width	Rough Opening Width
30"	31½"
32"	33½"
34"	N/A
36"	37½"
42"	43½"
60"	62"
64"	66"
72"	74"

### HEIGHT

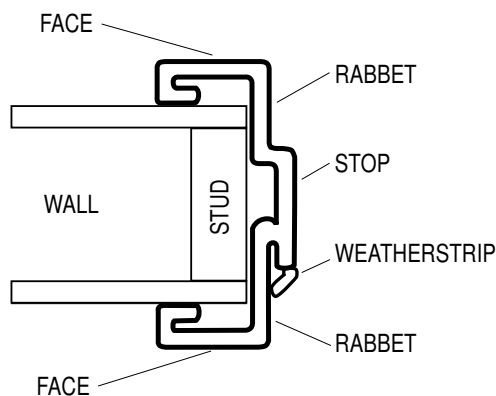
Nominal Door Height	Rough Opening Height
80"	80¾"
84"	84¾"

- 16-Gauge, A40 Galvanized Steel Construction
- Knock-Down Design
- 18-Gauge Corner Reinforcements to Maintain Proper Miter Alignment
- Built-in Strike Mortised Boxes
- Welded-In Steel Compression Anchors for

#### Drywall Applications

- Tab and Slot Construction
- 16-Gauge Frames Have Four Hinges
- Strike Jamb Mortised and Reinforced with 18-Gauge Welded-in Reinforcements
- 12-Gauge Hinge Reinforcements on 4" Hinges

- Pre-Finished to Match Door Slab (optional)
- Simple Labor Installation
- Kerfed Stop with Q-Lon Weatherstripping
- Saddle Threshold

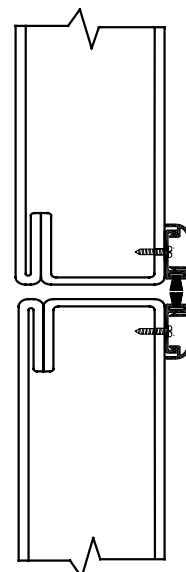


5¾" Jamb Depth 4¾" Throat

### FRENCH DOORS

#### COMMERCIAL BYPASS ASTRAGAL

(Also available with 16-Gauge  
Masonry Frame)



# INSTALLATION FRAMES

## STEEL FRAMES

### 18-GAUGE HOLLOW METAL MASONRY FRAME

(LIGHT DUTY - 3 HINGES)



#### WIDTH

Nominal Door Width	Rough Opening Width
30"	34 $\frac{1}{8}$ "
32"	36 $\frac{1}{8}$ "
34"	38 $\frac{1}{8}$ "
36"	40 $\frac{1}{8}$ "
42"	46 $\frac{1}{8}$ "
60"	64 $\frac{1}{8}$ "
64"	68 $\frac{1}{8}$ "
72"	76 $\frac{1}{8}$ "

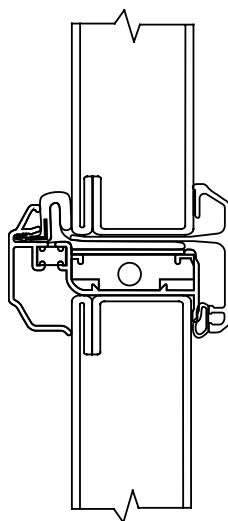
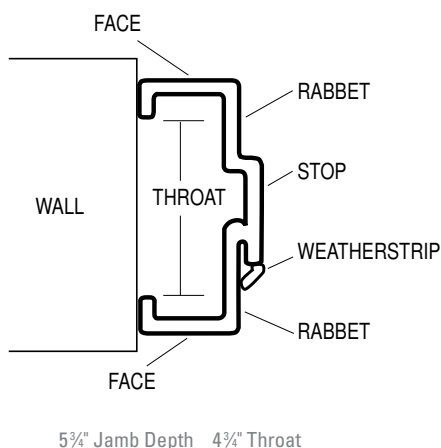
#### HEIGHT

Nominal Door Height	Rough Opening Height
80"	82 $\frac{1}{4}$ "
84"	86 $\frac{1}{4}$ "

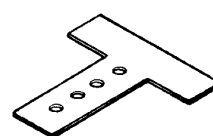
- 18-Gauge, A40 Galvanized Steel Construction
- Knock-Down Design
- Built-in Strike Mortised Boxes
- Tab and Slot Construction
- 18-Gauge Frames Have Three Hinges
- 7-Gauge Hinge Reinforcements on 4" Hinges
- 2 x 16 Gauge 2 $\frac{1}{4}$ " T Strike Preps 5 $\frac{1}{2}$ " Apart for Lockset and Deadbolt
- Pre-Finished to Match Door Slab (optional)
- Simple Labor Installation
- Kerfed Stop with Q-Lon Weatherstripping
- Saddle Threshold

#### FRENCH DOORS

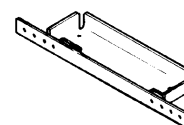
##### STANDARD HEAVY DUTY ASTRAGAL



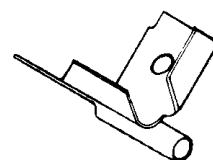
#### ANCHORS



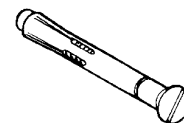
Masonry T Anchor



Wood or Metal Stud Anchor



Existing Opening Anchor



Dynabolt



# 18-GAUGE HOLLOW METAL DRYWALL FRAME

(LIGHT DUTY - 3 HINGES)



## WIDTH

Nominal Door Width	Rough Opening Width
30"	31½"
32"	33½"
34"	35½"
36"	37½"
42"	43½"
60"	62½"
64"	66½"
72"	74½"

## HEIGHT

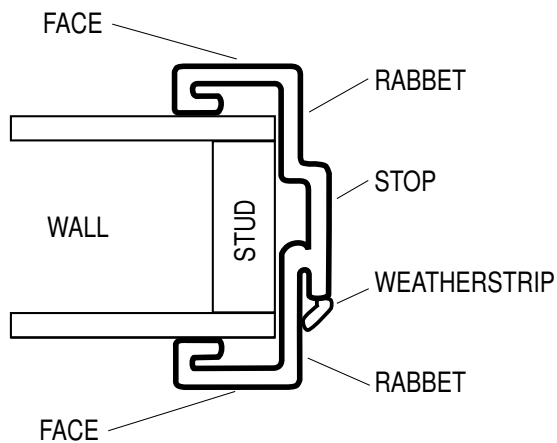
Nominal Door Height	Rough Opening Height
80"	80½"
84"	N/A

- 18-Gauge, A40 Galvanized Steel Construction
- Knock-Down Design
- 18-Gauge Corner Reinforcements to Maintain Proper Miter Alignment
- Built-in Strike Mortised Boxes
- Welded-In Steel Compression Anchors for

### Drywall Applications

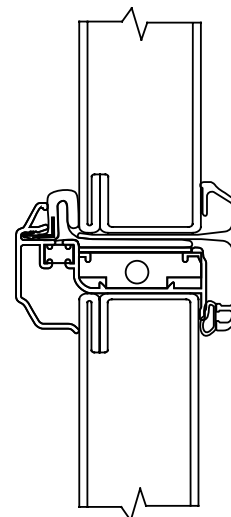
- Tab and Slot Construction
- 18-Gauge Frames Have Three Hinges
- 7-Gauge Hinge Reinforcements on 4" Hinges
- 2 x 16 Gauge 2¼ T Strike Preps 5½ Apart for Lockset and Deadbolt

- Pre-Finished to Match Door Slab (optional)
- Simple Labor Installation
- Kerfed Stop with Weatherstripping
- Saddle Threshold



5¾" Jamb Depth 4¾" Throat

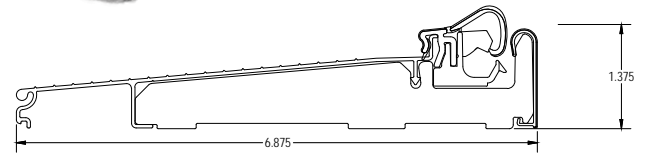
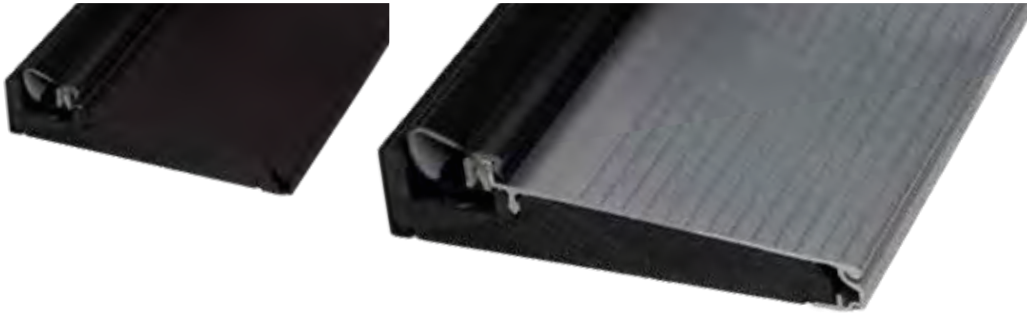
## FRENCH DOORS STANDARD HEAVY DUTY ASTRAGAL



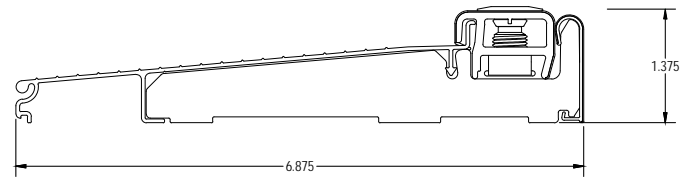
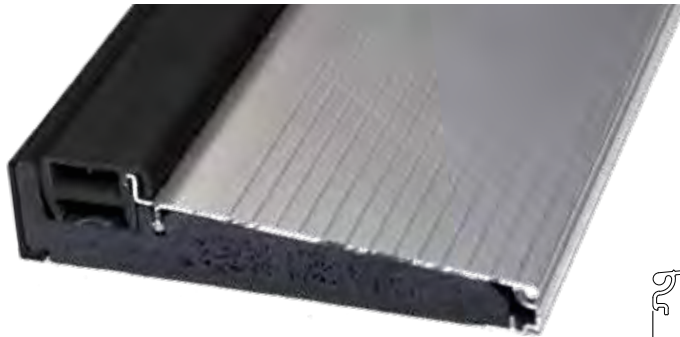
# THRESHOLDS

## Z-AC™ THRESHOLD

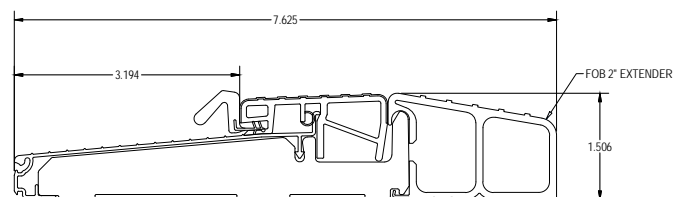
Available Sizes: 6<sup>1</sup>/<sub>16</sub>", 7<sup>1</sup>/<sub>16</sub>", 8<sup>1</sup>/<sub>16</sub>"



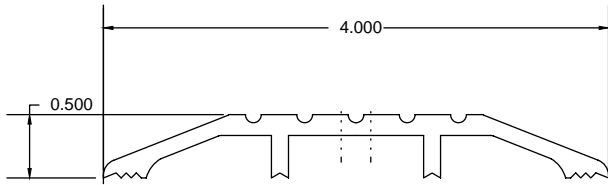
## ZAI™



## NC OUTSWING THRESHOLD



## ADA APPROVED 4" SADDLE THRESHOLD



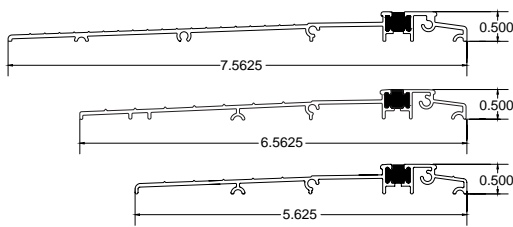
Optional 6" and 8" through special order.

## INSWING ADA COMPLIANT THRESHOLD

Available Sizes:  
5<sup>5</sup>/<sub>16</sub>", 6<sup>1</sup>/<sub>16</sub>", 7<sup>1</sup>/<sub>16</sub>"



Available in Aluminum (shown) or Bronze finish

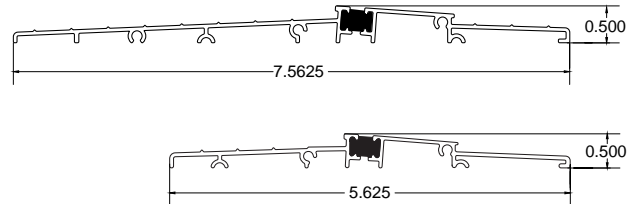


## OUTSWING ADA COMPLIANT THRESHOLD

Available Sizes:  
5<sup>5</sup>/<sub>16</sub>" and 7<sup>1</sup>/<sub>16</sub>"



Available in Aluminum (shown) or Bronze finish



Not Available with Panic Bar with Vertical Rod  
Not Available with Removable Mull Post

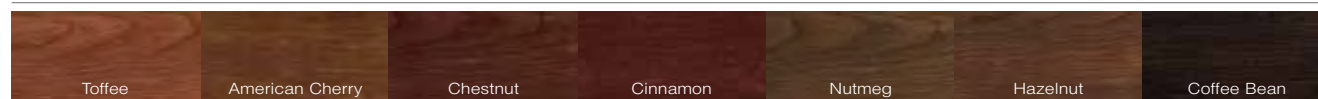
## THRESHOLD AVAILABILITY

	Redi-Flex Steel Frame	18 & 16-Gauge Steel Frame	Full Wood Frame
NC Outswing Threshold	•		•
NC Inswing Threshold	•		•
ADA Compliant 4" Saddle Threshold	•	•	
Inswing ADA Compliant Threshold	•		•
Outswing ADA Compliant Threshold	•		•

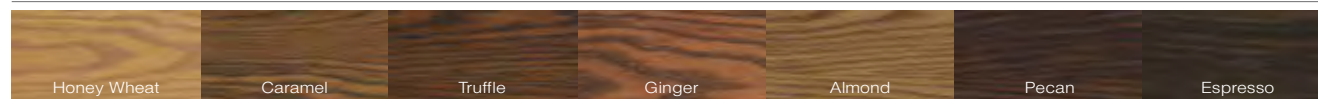
# STAIN & PAINT FINISHES\*\*

## STANDARD DUTY FIBERGLASS STAINS

CHERRY AND MAHOGANY



OAK, KNOTTY ALDER AND FIR

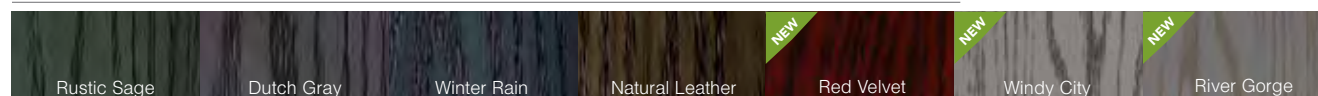


## WOODGRAIN TEXTURED STEEL & LIGHT DUTY FIBERGLASS STAINS



## GLAZED FINISHES

FOR STANDARD DUTY FIBERGLASS



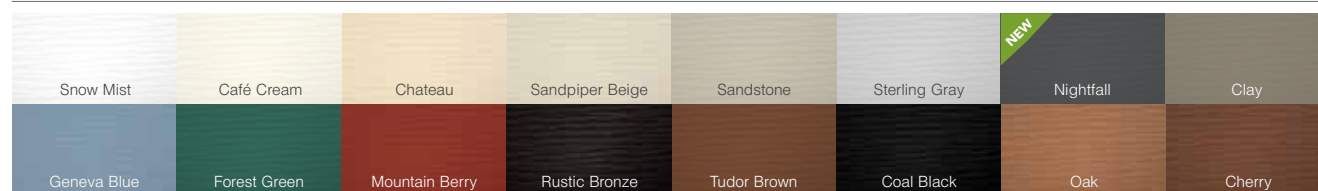
## STANDARD PAINT COLORS

FOR ALL FIBERGLASS & STEEL DOORS



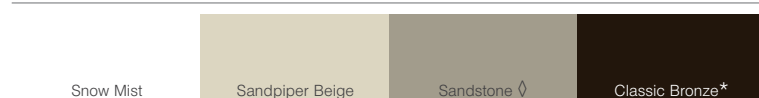
## ALUMINUM PRE-FIT CLADDING

(MATCHING CAULKING AVAILABLE)



## TUFTEX SMOOTH CLADDING ALUMINUM TRIM COIL

WITH MAR-RESISTANT SMOOTH FINISH



◇ Smooth Sandstone cladding is a close match, but not an exact match to Sandstone paint color.

\* Smooth Classic Bronze cladding does not match Rustic Bronze cladding color or Rustic Bronze paint color.

\*\*To select color, refer to our color selector for accurate color representation.

## TO ORDER CUSTOM PAINT COLORS\*

For optimal turnaround, provide your dealer with a Sherwin Williams paint swatch with color name and paint number.

— OR —

Provide your dealer with any brand paint swatch. May add additional lead time.



(3 paint swatches required for Windows and Sliding Patio Doors)

• Homeowner sign-off may be required on custom color match. Refer to entryLINK



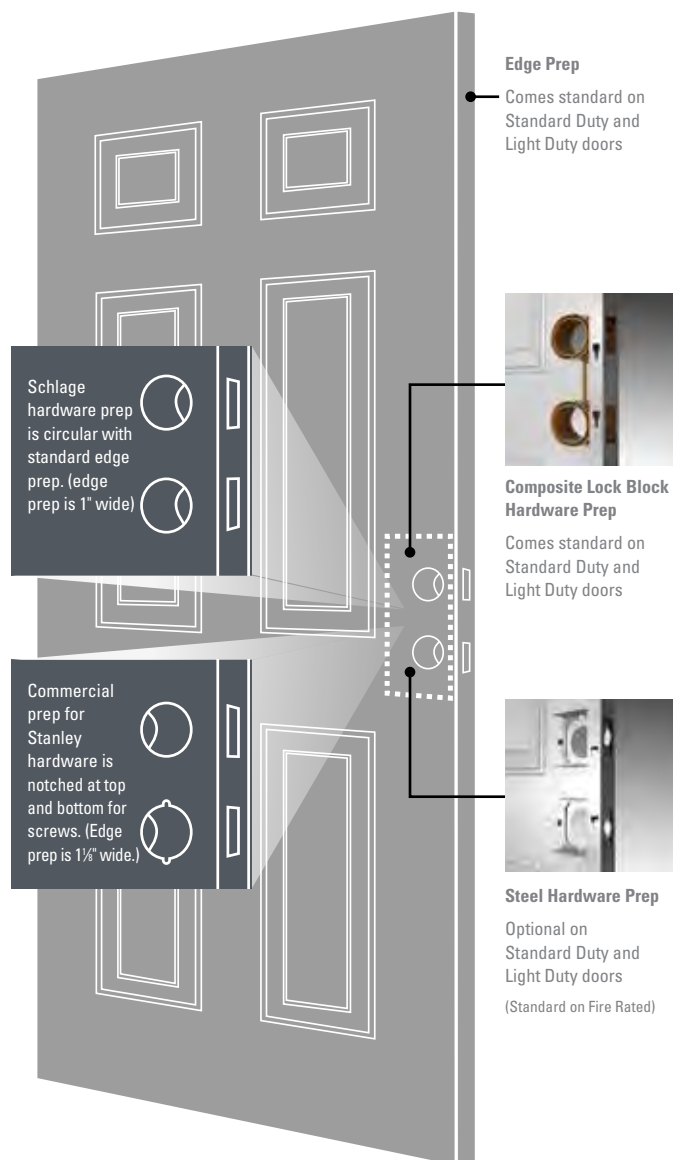
# HARDWARE PREP

PRE-ASSEMBLED BY PROVIA



# HARDWARE

SCHLAGE®

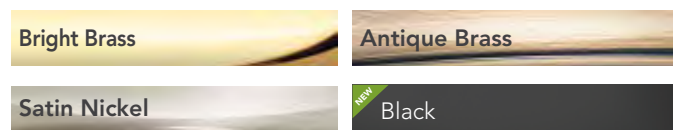


Standard Duty Standard Hardware Prep height is 42" from the floor. Light Duty Standard Hardware Prep height is 34¾" from the floor.

Panic Hardware Standard Prep height is 40¾" (New Construction Thresholds) to 40 15/16" (ADA Compliant Thresholds) from the floor.

Panic bar height may be lowered to 33¾" - 34 5/8" (dependant on threshold) from the floor to avoid interference with embossing or window trim.

ALL SCHLAGE CLASSIC SERIES HARDWARE IS AVAILABLE IN THESE FINISHES



## SCHLAGE CLASSIC DOOR LOCKSETS & DEADBOLTS

- Deadbolts: Grade 1 BHMA
- Locksets: ANSI/BHMA A156.2, 2011, Grade 2
- Standard Duty / Light Duty



Accent/Addison Keyed Lockset  
(not available in Bright Brass)



Accent Keyed Lockset\*



Georgian Key in Knob Lockset\*



Georgian Key in Knob Lockset  
(interior view showing turn lock)\*



Latitude Lever with Century Trim Keyed Lockset  
(only available in Satin Nickel and Aged Bronze finish)



Latitude Lever with Collins Trim Keyed Lockset  
(only available in Satin Nickel finish)



Addison Trim  
(not available in Bright Brass finish)



Maximum Security Double Key 1" Deadbolt❖



Century Trim  
(only available in Satin Nickel and Aged Bronze finish)



Maximum Security Interior Only 1-Sided Thumbturn 1" Deadbolt ❖  
(Only available in 20-Gauge Steel or Fiberglass with Full Wood Frame)



Maximum Security Thumbturn 1" Deadbolt\*

❖ Interior Only 1-Sided Thumbturn Deadbolts on any door which is used for egress may be a safety hazard in times of emergency. Double key deadbolts on residences and any door in any structure which is used for egress are a safety hazard in times of emergency.

\* Available in Fire-Rated version to meet NFPA Specifications Required on Fire-Rated Doors

## 100 SERIES HEAVY DUTY GRADE 1 LEVER LOCKS AND DEADBOLTS

### SUMMIT\*



### SLATE\*



\* Slate handle is recommended for doors with glass that are half-lite or larger. The window trim will not interfere with the operation of the straight Slate handle.

**Slate and Summit Available with Store Room Function** - outside lever is always locked. Entrance by key only. Inside lever is always unlocked and free for immediate egress. (For use with electronic strike)

#### PERFORMANCE FEATURES

- Tested to exceed 1,000,000 cycles, exceeding the 800,000 required to meet Grade 1 certification.
- Standard Clutching Mechanism provides resistance to damage caused by physical force.
- Thru-Bolted design and heavy-duty spring tension provides longer performance life and prevents lever sag.
- Concealed mounting screws.
- Compartmentalized packaging allows for quick and easy installation.



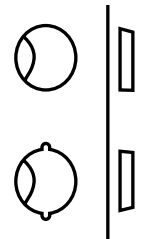
#### CERTIFICATIONS

- ANSI/BHMA A156.2 Series Grade 1
- ANSI A117.1 Accessibility Code (ADA Compliant)
- UL/cUL Listed (3-hours) for "A" Label Single door applications (4' x 8') (1.219mt x 2.438mt)
- UL10C / UBC 7-2 (1997) Positive Pressure Rated
- California State Reference Code (formerly Title 19 - Fire Marshall)

#### AVAILABLE FINISHES

626 Satin Chrome

613 Oil Rubbed Bronze



Commercial prep for Stanley hardware is notched at top and bottom for screws. (Edge prep is 1½" wide.)

### SINGLE CYLINDER



#### PERFORMANCE FEATURES

- Tested to exceed 1,000,000 cycles, exceeding the 250,000 required to meet Grade 1 certification.
- Solid forged housing provides enhanced strength and durability.
- Full 1" (25.4mm) throwbolt with saw resistant hardened steel roller pin.
- Anti-drill design - two (2) ball bearings inserted to prevent drill attacks.
- ADA thumbturn.
- Compartmentalized packaging allows for quick and easy installation.



#### CERTIFICATIONS

- ANSI/BHMA A156.5 Grade 1
- UL/cUL Listed (3-hours) for "A" Label Single door applications (4' x 8') (1.219mt x 2.438mt)
- UL10C / UBC 7-2 (1997) Positive Pressure Rated

#### AVAILABLE FINISHES

626 Satin Chrome

613 Oil Rubbed Bronze

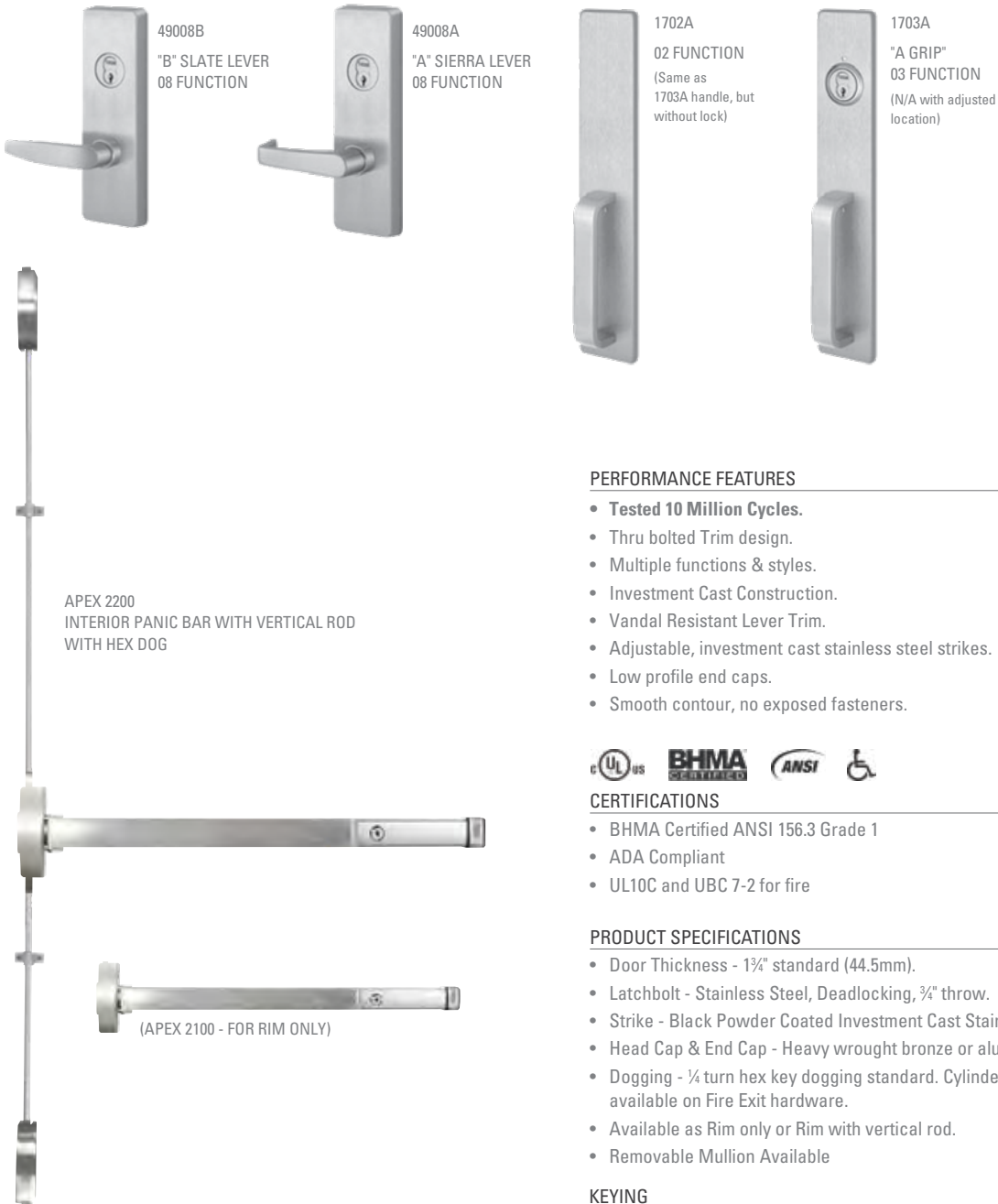


# HARDWARE

## STANLEY® PANIC HARDWARE

### APEX 2000 SERIES

ALL PANIC HARDWARE IS NOW FACTORY INSTALLED ON THE DOOR



#### Available Finishes

628 Satin Aluminum

613 Satin Bronze

#### PERFORMANCE FEATURES

- Tested 10 Million Cycles.
- Thru bolted Trim design.
- Multiple functions & styles.
- Investment Cast Construction.
- Vandal Resistant Lever Trim.
- Adjustable, investment cast stainless steel strikes.
- Low profile end caps.
- Smooth contour, no exposed fasteners.



#### CERTIFICATIONS

- BHMA Certified ANSI 156.3 Grade 1
- ADA Compliant
- UL10C and UBC 7-2 for fire

#### PRODUCT SPECIFICATIONS

- Door Thickness - 1 1/4" standard (44.5mm).
- Latchbolt - Stainless Steel, Deadlocking, 3/4" throw.
- Strike - Black Powder Coated Investment Cast Stainless Steel.
- Head Cap & End Cap - Heavy wrought bronze or aluminum.
- Dogging - 1/4 turn hex key dogging standard. Cylinder dogging available. NOT available on Fire Exit hardware.
- Available as Rim only or Rim with vertical rod.
- Removable Mullion Available

#### KEYING

- All exterior handles shown above are standard with Schlage C keyway Cylinder
- Schlage C keyway Cylinder available on panic bar

#### FUNCTIONS

- 02 - Dummy Trim
- 03 - Outside entrance by pull handle when latch bolt is retracted by key. Door can only be opened when the key is turned. Key removable only when locked (Night Latch).
- 08 - Key locks/unlocks lever.



## RELIANT 5000 SERIES



808A  
"A" SUMMIT LEVER  
08 FUNCTION



RELIANT 5100 INTERIOR PANIC BAR HEX DOG  
(N/A on 150, 240, 243, 350, 440, 449, 460 & 112 doors)  
Available on 430 with location adjustment only



702A  
"A GRIP"  
02 FUNCTION



703A  
"A GRIP"  
03 FUNCTION

### PERFORMANCE FEATURES

The Reliant 5000 Series is the Exit Device of choice when an economical and reliable exit device is required. All Reliant 5000 Series Exit Devices are UL listed for panic and fire hardware and are certified to ANSI A156.3 Grade 1. The Reliant Series is available in durable powder coat finishes with a variety of trim styles and functions. The chassis is constructed of stainless steel and covers the standard type 161 door preparation. Tested 500,000 cycles.



### CERTIFICATIONS

- BHMA Certified ANSI 156.3 Grade 1
- UL10C and UBC 7-2 for fire

### PRODUCT SPECIFICATIONS•

- Door Thickness - 1¾" standard (44.5mm).
- Latchbolt -Stainless Steel, Deadlocking, ¾" throw.
- Strike - Black Powder Coated, Investment Cast Stainless Steel.
- Active Case - Stainless Steel.
- Dogging - ¼ turn hex key dogging standard. Cylinder dogging available. NOT available on Fire Exit hardware.
- Available as Rim only.
- Removable Mullion Available.

### KEYING

- All exterior handles shown above are standard with Schlage C keyway Cylinder
- Schlage C keyway Cylinder available on panic bar

### FUNCTIONS

- 02 - Entrance by pull handle when touch bar is dogged down.
- 03 - Outside entrance by pull handle when latch bolt is retracted by key. Door can only be opened when the key is turned. Key removable only when locked (Night Latch).
- 08 - Key locks/unlocks lever.

### Available Finishes

689 Aluminum Painted

695 Dark Bronze Painted

# HARDWARE

## ADDITIONAL HARDWARE OPTIONS

### STANLEY® CLOSER



QDC311  
TRI-PACK ARM

QDC312  
HOLD-OPEN ARM

#### Available finishes

689 Aluminum Painted

695 Bronze Painted

### NORTON® CLOSER



1601

#### Available finishes

689 Aluminum

690 Bronze

696 Gold

#### PERFORMANCE FEATURES

- Tested to exceed the performance requirements for Grade 1 certification
- Fully adjustable from 1-6 allowing for maximum flexibility
- Delayed Action and Backcheck are standard in the same door closer body
- All weather oil insures optimal operational performance in multiple climate conditions
- Sized for interior doors to 4'6"; exterior doors to 4' 0"



#### CERTIFICATIONS

- ANSI/BHMA A156.4 Series Grade 1
- ANSI A117.1 Accessibility Code (ADA Compliant)
- UL/cUL Listed (3-hours) for self-closing doors without hold-open
- UL10C Positive Pressure Rated
- UL10B Pressure Rated

#### PRODUCT SPECIFICATIONS

- Hanging - All QDC300 Series door closers are non-handed
- Material - Cast aluminum
- Cover - Full, architectural plastic cover option available
- Arms & Brackets - Tri-pack standard (Regular, Top Jamb, Parallel configurations). Hold Open and Dead Stop arms also available.
- Arm Material - Heat treated carbon steel
- Springs - High impact hand drawn steel wires
- Pinions - Heat treated chrome molybdenum steel
- Cylinder construction - Heat treated free-cutting carbon steel
- Fasteners - Wood and machine screws standard

Door Weights & Sizes		Door Width Ranges	
Size	Applicable Door Weight	Interior	Exterior
1	33~55 lbs (15~30 kg)	32"	28"
2	56~99 lbs (30~45 kg)	36"	32"
3	99~143 lbs (45~65 kg)	42"	36"
4	143~187 lbs (65~85 kg)	48"	42"
5	187~264 lbs (85~120 kg)	54"	48"
6	264~330 lbs (120~150 kg)	58"	54"

### PUSH / PULL PLATES



PULL ROUNDED\*



PUSH/PULL BAR\*



KICK PLATE (BLACK/BRONZE)

KICK PLATE ALSO AVAILABLE IN:

SATIN NICKEL

\*Special Order

## ELECTRONIC STRIKE PLATE

(For Panic Rim Applications)



9600 SURFACE MOUNTED  
HARDWARE

### PRODUCT SPECIFICATIONS

- ANSI 250.13-2003 Severe Windstorm listed
- Florida Building Code Approved (FL#14307)
- UL 1034 burglary-resistant listed and suitable for outdoor use
- UL 294 (6th Edition) listed
- ANSI/BHMA, A156.31 Grade 1 (#E09731, #E09732, #E09373)
- RoHS compliant
- Patent # 6,390,520

### FRAME APPLICATION

- Metal
- Wood

### ELECTRICAL

- .45 Amps at 12 VDC continuous duty
- .25 Amps at 24 VDC continuous duty
- PoE friendly

## ELECTRONIC STRIKE PLATE

(For Cylindrical Applications)



5100  
VON DUPRIN

### PRODUCT SPECIFICATIONS

- Power Failure Mode: Field selectable fail safe/fail secure
- Handing: Non-handed design provides greater flexibility
- Finish: BHMA 689/US SP28 Aluminum Sprayed, BHMA 695/ US SP313 Dark Bronze Sprayed Duranodic, BHMA 622/ US19 Flat Black
- Meets ANSI/BHMA A156.31, Grade 1 for endurance and dynamic strength
- Meets ANSI/BHMA A156.31, Grade 2, 1300 lbs static strength

### FEATURES AND BENEFITS

- Designed for cylindrical applications
- Capable of 12 in-field configurations
- Three faceplates standard in every box
- Voltage: Field selectable 24 VDC or 12 VDC
- Non-handed, internal solenoid design
- Field selectable power failure mode (fail-safe/fail-secure)
- Adjustable keeper improves fit on tight door preps
- Options include 12 and 24 VAC to VDC rectifier kits
- Available in three finishes to suite with existing hardware
- Suitable for interior and exterior doors
- UL 1034 listed for burglary-resistant electric door strikes
- Dynamic strength 70 ft-lbs

### ELECTRICAL

- 12 VDC continuous duty at .38 amp
- 24 VDC continuous duty at .19 amp

## LATCH PROTECTORS



P-HW-ACCSPR-01



EXTERIOR



INTERIOR



LATCH PROTECTOR\*



## KICKDOWN\*



\*Special Order

# HARDWARE

## FRENCH (DOUBLE) DOORS



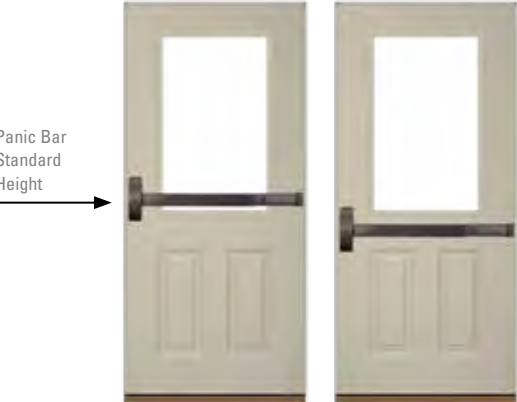
Exterior



Key Removable Mullion

Interior View

### PANIC BAR HEIGHTS



Interior

Interior

For 430 doors, it is recommended that panic bar and hardware be configured at a lower height to not interfere with window viewing area.

## STD. HEAVY-DUTY T-ASTRAGAL - 1 DOOR ACTIVE, 1 INACTIVE



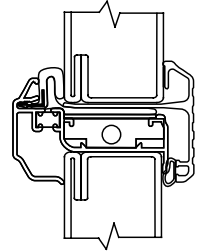
Exterior View



Interior View

### STANDARD HEAVY-DUTY ASTRAGAL

- One active, one inactive door
- Must use vertical rod on active door only
- Closer on active door only
- Finish: Painted to Match



## COMMERCIAL BYPASS ASTRAGAL - BOTH DOORS ACTIVE



Exterior View

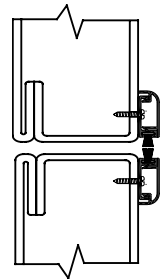


Interior View

### COMMERCIAL ASTRAGAL

(Also available with 16-Gauge Masonry Frame)

- Both doors active
- Must use vertical rod on both active doors
- Closer on both doors
- Finish: Aluminium, Bronze, Gold



## KEY REMOVABLE MULLION - BOTH DOORS ACTIVE



Exterior View

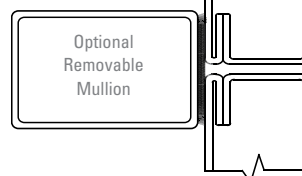


Interior View

### KEY REMOVABLE MULLION

(Also available with 16-Gauge Drywall Frame)

- Both doors active
- Can use panic rim
- Closer on both doors
- Finish: Bronze, Silver



REMOVABLE MULLION  
(Available for both Apex and Reliant)



# VINYL WINDOWS



- A 3/4" frame depth
- B SunShield® Vinyl
- C 3/4" Insulated glass utilizing Intercept® Blackline Spacer
- D Integral Interlock at meeting rail
- E Quick Tilt® balance system with color-matched covers
- F Accessory grooves for more trim options
- G Surface mount locks
- H Vent stop
- I Barrier-fin weatherstripping

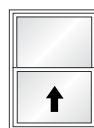
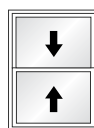
Roll formed aluminum screen frame with BetterVue® fiberglass mesh

Integral nail fin (can be ordered with or without)

## DOUBLE HUNG / SINGLE HUNG



- 3/4" frame depth
- SunShield® Vinyl
- 3/4" Insulated glass with Intercept® Blackline spacer
- Welded frame and sash construction
- Quick Tilt® balance system for ease of operation
- Exterior glazing
- Extruded sloped sill
- Dual weatherstripping
- Vent stops allow for worry-free operation while withstanding impact
- Roll formed aluminum half screen frame with BetterVue® fiberglass mesh



### Double Hung 40" x 63"

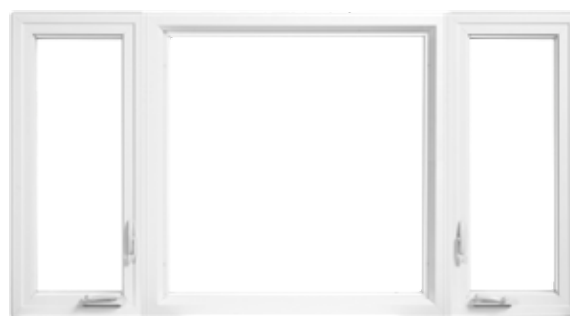
Test	Test Specification	Results
Air	ASTM E 283	0.13 cfm/ft2 @ 25 mph
Water	ASTM E 547	5.43 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-PG35 118 mph R-PG50 142 mph*

### Single Hung 40" x 66"

Test	Test Specification	Results
Air	ASTM E 283	0.11 cfm/ft2 @ 25 mph
Water	ASTM E 547	7.52 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-PG40 127 mph

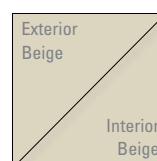
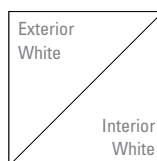
\* Requires aluminum reinforcement and sill angle

## MULLING OPTION AVAILABLE



Factory mullied upon request

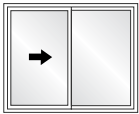
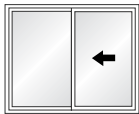
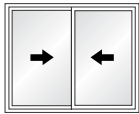
## COLORS



## SLIDER AND SINGLE SLIDER



- 3/4" frame depth
- SunShield® Vinyl
- 3/4" Insulated glass with Intercept® Blackline spacer
- Welded frame and sash construction
- Slider pads allow for easy operation or removal
- Exterior glazing
- Dual weatherstripping
- Roll formed aluminum half screen frame with BetterVue® fiberglass mesh



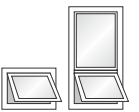
Slider 72" x 48"		
Test	Test Specification	Results
Air	ASTM E 283	0.14 cfm/ft2 @ 25 mph
Water	ASTM E 547	6.90 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-PG30 110 mph

Single Slider 72" x 48"		
Test	Test Specification	Results
Air	ASTM E 283	0.07 cfm/ft2 @ 25 mph
Water	ASTM E 547	5.43 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	LC-PG35 118 mph

## AWNING



- 3/4" frame depth
- SunShield® Vinyl
- 3/4" ComforTech™ DLA glass
- Welded frame and sash construction
- Exterior glazing
- Square sash profile offers a traditional look that adds elegance to the sash
- Multi-point locking hardware system
- Quick-release dual-arm operator
- Extruded screen frame with BetterVue® fiberglass mesh



Awning 48" x 32"		
Test	Test Specification	Results
Air	ASTM E 283	0.02 cfm/ft2 @ 25 mph
Water	ASTM E 547	12.11 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	LC-PG55 148 mph

## CASEMENT



- 3/4" frame depth
- SunShield® Vinyl
- 3/4" ComforTech™ DLA glass
- Welded frame and sash construction
- Exterior glazing
- Square sash profile offers a traditional look that adds elegance to the sash
- Multi-point locking hardware system
- Washability hinge
- Extruded screen frame with BetterVue® fiberglass mesh



Casement 24" x 60"		
Test	Test Specification	Results
Air	ASTM E 283	0.02 cfm/ft2 @ 25 mph
Water	ASTM E 547	11.28 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-PG60 155 mph

## PICTURE



- 3/4" frame depth
- SunShield® Vinyl
- 3/4" Insulated glass with Intercept® Blackline Spacer
- Welded frame with direct-set glass
- Interior glazing
- Sloped sill



Picture 72" x 48"		
Test	Test Specification	Results
Air	ASTM E 283	0.01 cfm/ft2 @ 25 mph
Water	ASTM E 547	12.12 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	FW-R65 161 mph

## HOPPER



# VINYL WINDOWS

## ACCESSORIES & GLASS

### BRICKMOLD WITH NAIL FIN

Mitered and mechanically fastened. Two piece system includes top and sides as shown.



Bottom sill brickmold maintains an individual design mechanically fastened to sides



### Integral Nail Fin



### INTERCEPT® BLACKLINE LOW-E

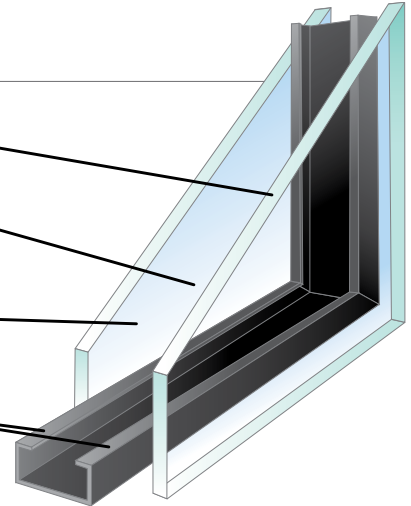
R-VALUE OF 4

Clear Glass

High Performance Low-E

Argon Gas

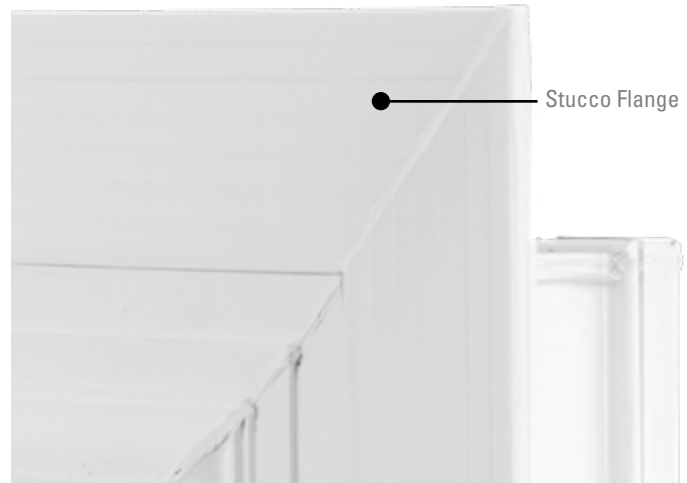
BlackLine Spacer



- $\frac{3}{4}$ " IGU thickness
- High performance Low-E glass coating applied to one pane
- Space is flooded with Argon gas
- Additional configurations available, see price list for details.

All R-Values are based on center of glass calculations using software from Lawrence Berkeley National Laboratory.

### Stucco Flange



For additional architectural drawings and specifications go to: [provia.com/architects](http://provia.com/architects) | 800.669.4711

# VINYL SLIDING PATIO DOORS



## STANDARD FEATURES

- 1" Insulated Tempered Glass
- 4 $\frac{5}{16}$ " Frame Depth
- Extruded Interlocks with Dual Barrier Fin Weatherstripping
- Exclusive High-Performance Patented Water Draining System in Sill
- Reinforced Welded Sashes
- Adjustable Tandem Nylon Steel Rollers
- Top Hung Screen Frame Reduces Binding, Creating Effortless Operation
- Mortised Locking Handle

For downloadable specs and drawings see: [provia.com/architects](http://provia.com/architects)

Patio Door 72" x 82"

Test	Test Specification	Results
Air	AAMA/WDMA/CSA 101/I.S.2/A440-08 par. 5.3.2.2 & ASTM-E283-04	0.04 cfm/ft <sup>2</sup>
Water	AAMA/WDMA/CSA 101/I.S.2/A440-08 par. 5.3.3.2 & ASTM-E547-00 (2009)	9.00 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-08 par. 5.3.4.3 & ASTM-E330-02 (2010)	R-PG55 148mph



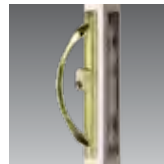
Patented sliding system features four adjustable 1" wheels per operating panel to ensure smooth, easy and quiet operation.



Galvanized steel reinforced panels ensure rigidity and stable operation.

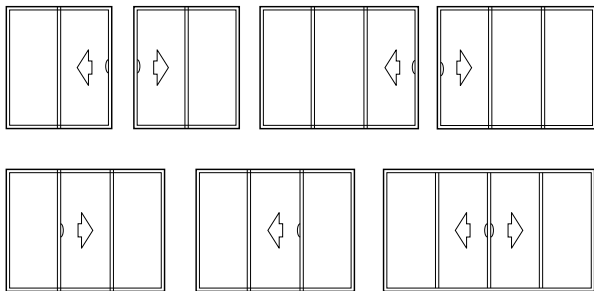


The vent lock adds peace of mind when you want to leave the door open for ventilation yet keep out would-be intruders.



Mortise hardware features a multi-point locking system for added strength and security not found on typical consumer-grade hardware.

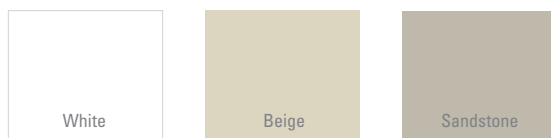
## CONFIGURATIONS



Available in 2, 3 or 4-panel configurations and standard and custom sizes

## COLORS

Patio doors are available in White, Beige or Sandstone.



## Available Hardware Finishes



Bright Brass Exterior



Satin Nickel Exterior



\*Flat Bronze Exterior

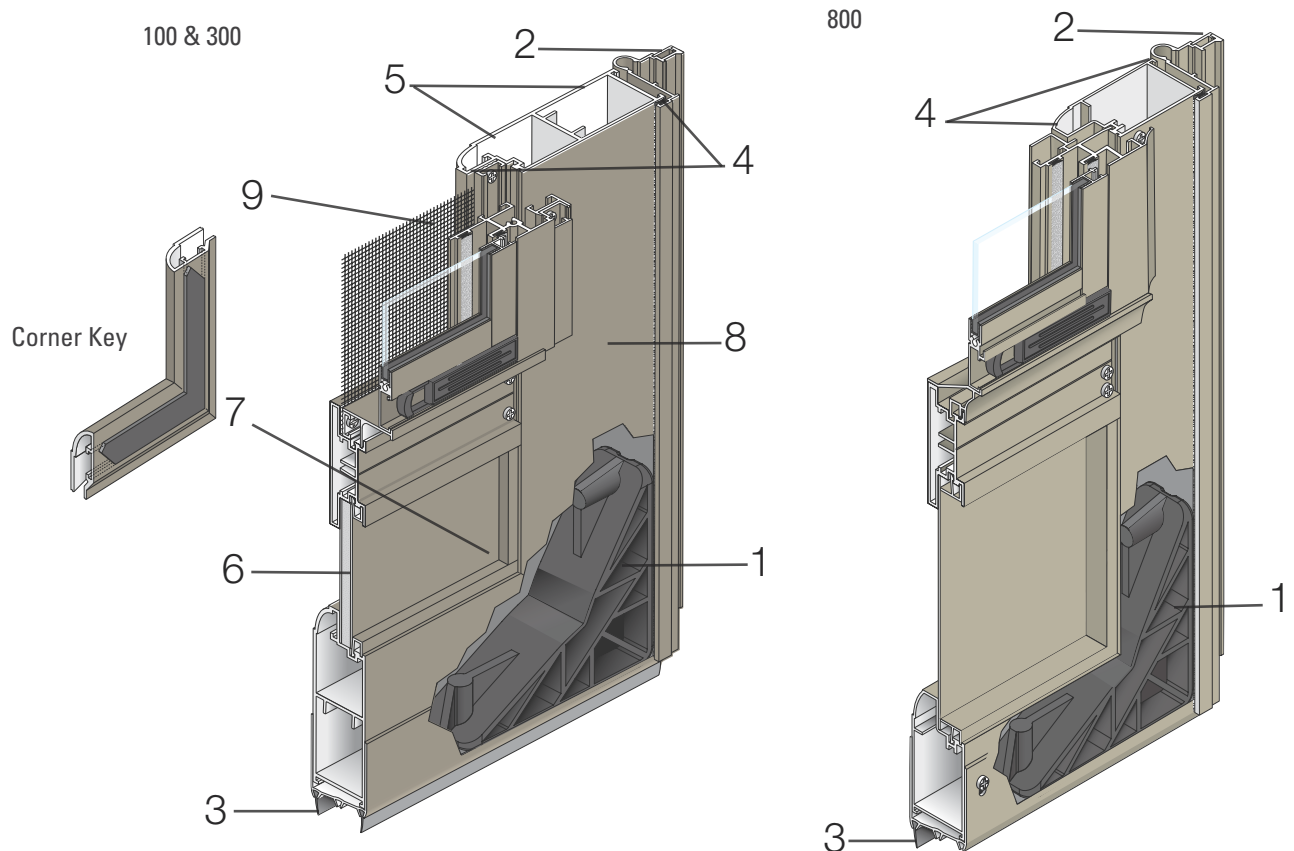
\*Flat Bronze coordinates (but is not an exact match) with Aged Bronze accessories.



# STORM DOORS

## SECURITY SCREENS

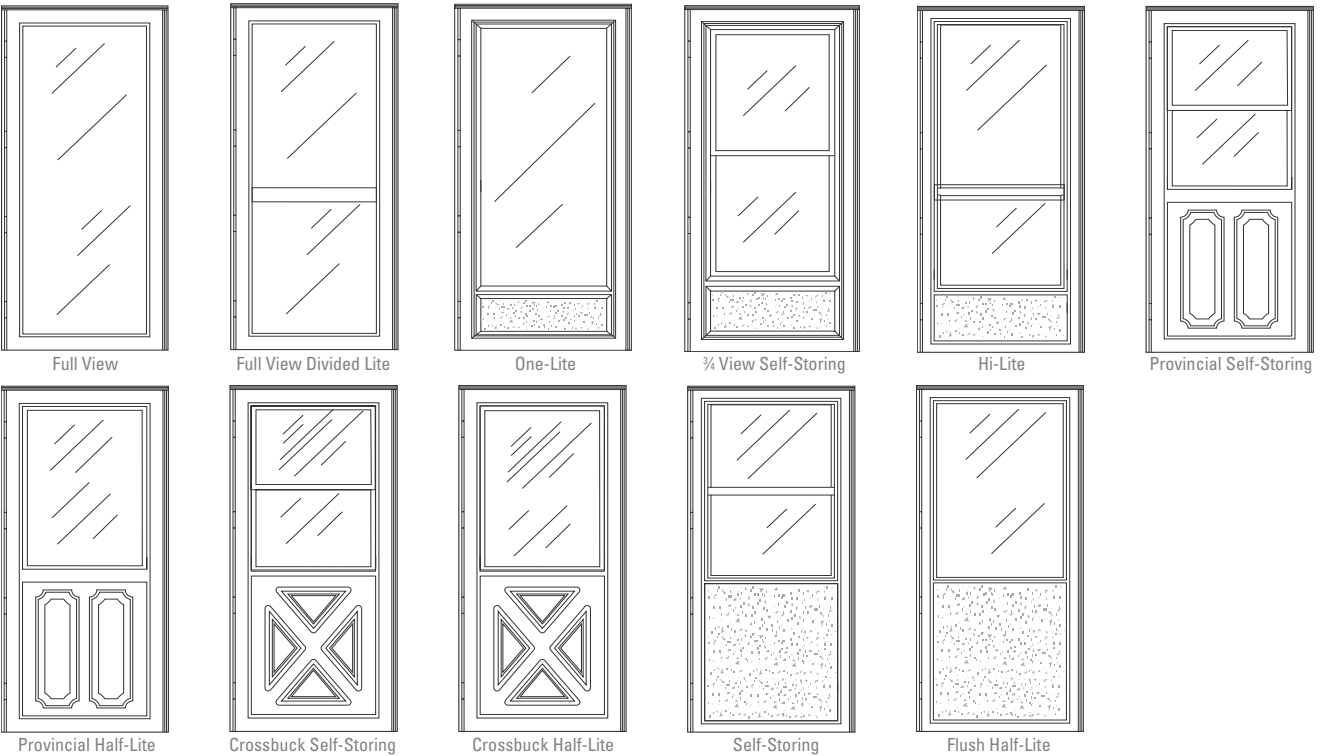
### STYLES



Construction	100	300	800
1. Outside corners are secured to corrosion proof gussets for structural integrity	•	•	•
2. Color matched aluminum installation screw covers enhance the appearance of your door	•	•	•
3. The bottom sweep eliminates drafts	DOUBLE	DOUBLE	SINGLE
4. The sculptured frame adds durability	1 1/4" x 3 3/8"	1 1/4" x 3 3/8"	1 1/4" x 2 5/8"
5. Multi-hollow construction provides greater strength and security	•	•	
6. The reinforced aluminum kick panel resists rust and adds durability	•	•*	
7. Corner keys provide added support to the inside of the door frame	•	•	
8. Aluminum wall thickness up to 20% thicker than the industry standard	•	•	
9. The unremovable .023-gauge stainless steel screen offers extra security and protection (12x12 mesh)	•		

\* Reinforced kick panel N/A on one-lite, high-lite, or three-quarter view.

# DOOR STYLE AVAILABILITY



	Full View	Full View Divided Lite	One-Lite	1/4 View Self-Storing	Hi-Lite	Provincial Self-Storing	Provincial Half-Lite	Crossbuck Self-Storing	Crossbuck Half-Lite	Self-Storing	Flush Half-Lite
100	•		•	•		•	•	•	•	•	•
300	•	•	•	•	•	•	•	•	•	•	•
800	•		•	•	•				•		

# HARDWARE



DH 228



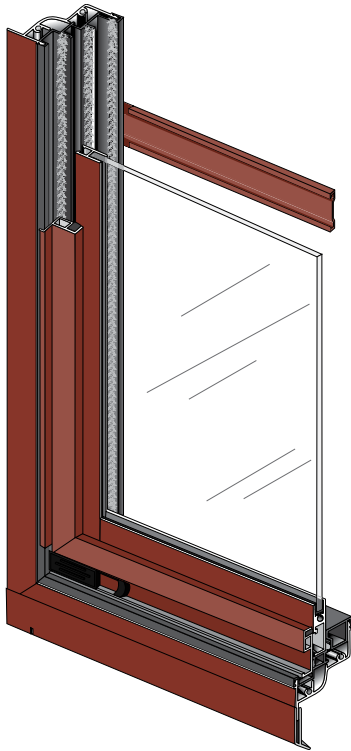
DH 202/192



DH 182

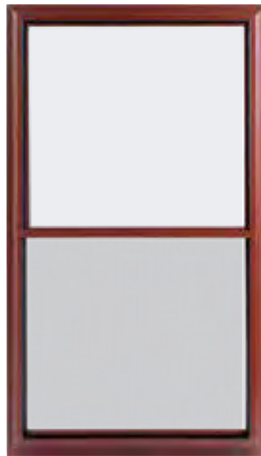
# ALUMINUM STORM WINDOWS

## PREMIUM DOUBLE HUNG WINDOWS



### FEATURES & BENEFITS

- Triple track windows feature an inside operating half screen, while double track windows feature a half screen that's housed under the exterior sash
- Keep out the cold and heat with full perimeter weatherstripping
- Additional structural strength with the mid-window stabilizer bar
- Cleaning is made easy with the removable sashes and half screen
- Teflon® coated springs and electrostatic coating on latch bolts create a smooth latch operation
- Safely adjust the amount of ventilation with ratcheted sash stops every 1" on top and bottom sashes



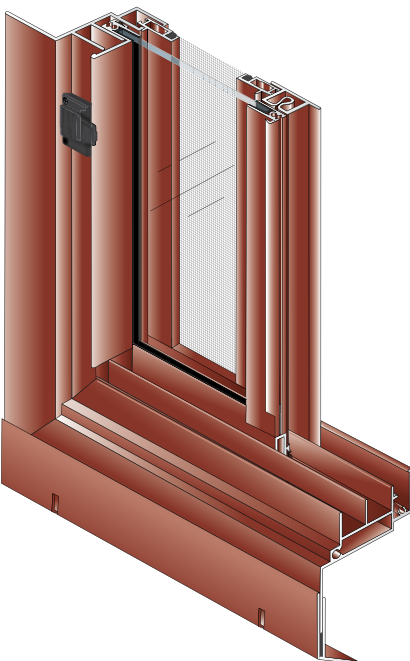
Black vinyl frame liner provides smooth, quiet operation



Mitered frame corners provide superior strength and beauty. For extra elegance we have a contoured master frame.

#520 TRIPLE TRACK  
(Also available in two track #527)

## SLIDER WINDOWS



### FEATURES & BENEFITS

- Mitered frame corners provide superior strength and beauty
- Available in two or three-lite models (3-lite available in 1/4-1/2-1/4, 1/3-1/3-1/3 or custom configurations)
- Hollow sill construction for additional strength and drainage control
- Full length pull rail with spring loaded latches
- Long-life Delrin® rollers with stainless steel housing provide long-lasting smooth operation
- Screens over 40" in height include a stabilizer bar

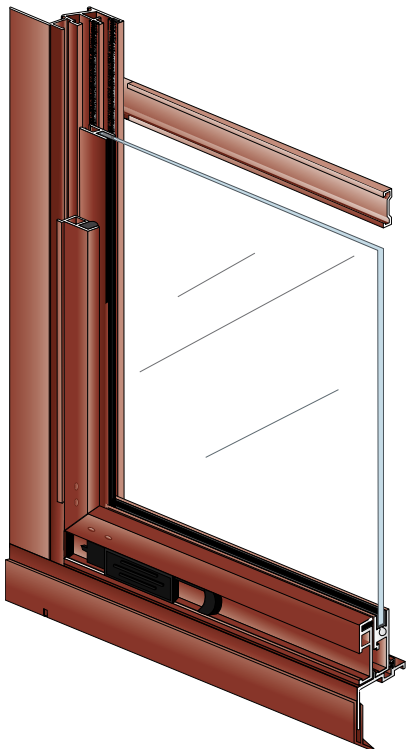


#423  
EXTERIOR THREE-LITE SLIDER  
(Also available in #422 two-lite slider)



Exclusive locking clip provides long lasting durability.

## DOUBLE HUNG WINDOWS



### FEATURES & BENEFITS

- Triple track windows feature an inside operating half screen, while double track windows feature a half screen that's housed under the exterior sash (exterior full screen also available)
- Keep out the cold & heat with full perimeter weatherstripping
- Additional structural strength with the mid-window stabilizer bar
- Cleaning is made easy with the removable sashes and half screen
- Teflon® coated springs and electrostatic coating on latch bolts create a smooth latch operation
- Safely adjust the amount of ventilation with ratcheted sash stops every 1" on top and bottom sashes

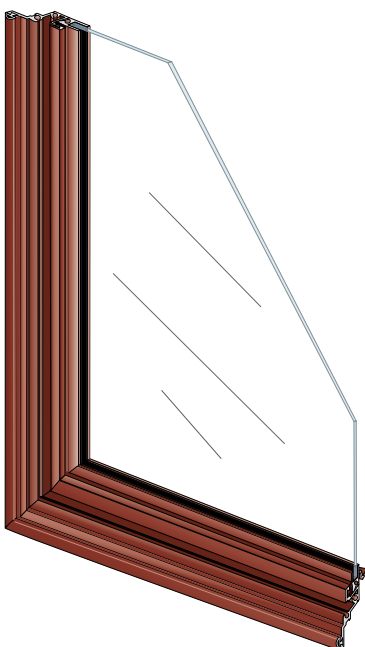


#696 TRIPLE TRACK  
(Also available in two track #697)



Butt frame corners give this window exceptional strength. The square frame also creates a clean contemporary look.

## PICTURE WINDOWS



### FEATURES & BENEFITS

- Mitered frame corners provide superior strength
- Available in inside or outside removable sash
- Full perimeter weatherstripping
- Available in select models 1, 2, 3, or 4 lite units
- Architectural shapes available as special order with additional lead time.



#140 ONE-LITE  
PICTURE WINDOW



Incorporated drip edges provide water protection without sacrificing aesthetics.

Our storm windows are designed to be installed over existing windows having sloped sills and are not intended to be used as a primary window. Regardless of application, product warranty does not cover issues such as leaking and condensation.



# GLASS

## FIRE RATED GLAZING



### POSITIVE PRESSURE TESTING

In most fires, the extreme heat can cause drafts causing certain amounts of air pressure pushing against a door. In the past, fire codes required only a neutral (negative) fire test. In this test, there was no pressure on the door. This made it easier to pass the test but did not replicate true fire conditions. Today, almost all building codes require fire doors to have a positive pressure rating. Positive pressure testing is conducted in an environment that best replicates those conditions that are present during an actual fire scenario.

### 20-MINUTE FIRE RATING

- 20-minute label on slab and frame (Full Wood or Composite Frame)
- Fire rated Q-Ion weatherstripping & 2 spring bomber hinges
- Wire glass option
- New Construction or ADA threshold options



### 90-MINUTE FIRE RATING

- Only available for doors with Hollow Metal Steel Frames or 18-Gauge Redi-Flex Adjustable Steel Frames
- 90-minute label on slab and frame
- Fire rated Q-Ion weatherstripping & 2 spring bomber hinges
- Wire glass option



Wire glass with steel trim 5" x 20" x 1/4" daylight opening size is standard. Other sizes available upon request.

# WARRANTY

## 5-YEAR LIMITED WARRANTY

### BASIC DOOR & SIDELITE - 5-YEAR

The Fiberglass, 20-gauge Smooth & Woodgrain Textured Steel door and sidelite slabs are warranted not to shrink, warp, split, crack or delaminate for a period of five (5) years from the date of installation, provided they are installed without alteration and in accordance with applicable building codes.

### GLASS UTILIZING SUPER SPACER® - 10-YEAR

Somerset, Carrington, Constance, Esmond, Essence, Symphony, Eclipse, Tacoma, Laurence, Jewel, Gemstone, Florence, Tranquility, Cheyenne, Brilliance, Inspirations™ Art Glass, Barcelona Wrought Iron, Twilight, Taffeta, Chinchilla, Waterfall, Gluechip, Obscure Pebble, glass with Internal Grids, ComforTech™ DLA, TLA, TLK, and Clear glass units are warranted against seal failure and defects in material and workmanship (not including glass breakage) for a period of ten (10) years from date of installation.

### DECORATIVE GLASS & INTERNAL BLINDS - 5-YEAR

Decorative glass and internal blind units are warranted against seal failure and defects in material and workmanship for a period of five (5) years from date of installation.

### FULL WOOD DOOR FRAME & COMPONENTS - 1 YEAR / 90 DAY

The FrameSaver® Full Wood Frame and brickmold for Doors and Sidelites, and Full Wood Transom Frames are warranted against defects in material and workmanship, and against rotting and decay for a period of one (1) year from date of installation, provided that (i) it is installed without alteration and in accordance with applicable building codes and (ii) all exposed wood parts are protected with an aluminum frame cladding system, installed and caulked as specified by ProVia's installation instructions. For (i) inswing installations where all exposed wood parts are only protected with a quality latex paint topcoat or exterior grade wood stain instead of an aluminum frame cladding system or (ii) an outswing frame, this time period will be limited to ninety (90) days from date of installation. The Endura® threshold system, bottom sweep, hinges, weatherstripping, PVC vinyl coated aluminum frame cladding and the sliding patio screen are warranted against defects in material and workmanship for a period of one (1) year from date of installation.

### COMPOSITE FRAME - 1 YEAR

The PermaTech™ Composite Frame and Brickmold for Doors, Sidelites, and Transoms are warranted against defects in material and workmanship, and against rotting and decay for a period of one (1) year from date of installation provided that (i) it is installed without alteration and in accordance with applicable building codes and (ii) it is installed and caulked as specified by ProVia's installation instructions and (iii) there is no storm door installed into the same opening and (iiii) if exterior frame & brickmold are painted, the paint must have a LRV of 57 or higher (where 100 is white and 0 is black).

The terms of this Limited Warranty excludes (i) weathering or discoloring of the unfinished white frame and brickmold and (ii) warping or failures of the frame and brickmold which are the result of or involve stress caused by localized application of heat, movement of building or building components, or expansion/contraction of building or building components.

### HOLLOW METAL & REDI-FLEX® STEEL FRAME - 1 YEAR

16 and 18-Gauge Hollow Metal and Redi-Flex® Adjustable Steel Frames are warranted against defects in material and workmanship for a period of one (1) year from date of installation.

### BASIC ALUMINUM STORM DOOR, VINYL PATIO DOOR & WINDOW

The aluminum storm doors, aluminum storm windows, vinyl patio door, vinyl and aluminum windows are warranted against defects in material and workmanship for a period of five (5) years from date of installation, with the following exceptions:

- Insulated Glass Units are warranted against seal failure for a period of ten (10) years from date of installation.
- Insulated Glass Units with Internal Blinds are warranted against seal failure for a period of one (1) year from date of installation.
- Hardware Components are warranted for a period of one (1) year from date of installation.
- Screens are warranted for five (5) years from date of installation.
- Aluminum products finishes are warranted for one (1) year from date of installation.

### FINISHES - 1 YEAR / 90 DAY

Paint and stain finishes on the door slab and metal frame components are warranted against flaking, checking, blistering or peeling for a period of one (1) year from date of installation.

Stain finishes on the exterior components of the Full Wood Frame are warranted against flaking, checking, blistering or peeling for a period of ninety (90) days from date of installation.

### STANLEY® COMMERCIAL HARDWARE - LIFETIME / 3 YEAR / 1 YEAR

Stanley® Security Solutions, Inc. products (QCL 100 Series Heavy-Duty Cylindrical Locks, QDB 100 Series Heavy-Duty Deadbolts, QDC 300 Standard Duty Door Closers) are warranted against defects in material and workmanship for a limited lifetime for a period of the useful life of the building in which the products are originally installed.

Finishes shall be warranted for three (3) years excluding US10B/613 Oil Rubbed Bronze finish.

Electrical products shall be warranted for one (1) year from the date of sale.

This warranty does not cover defects or damage arising from failure to perform normal maintenance, faulty installation, ordinary wear and tear, misuse, abuse, freight damage or application for which the product was not designed.

### STANLEY® EXIT DEVICES - 5-YEAR / 3 YEAR / 1 YEAR

Stanley® Security Solutions, Inc. products that are sold under the "PRECISION HARDWARE" trade name (Apex Series, Reliant Series, 800 Series Removable Mullions) are warranted against defects in material and workmanship for five (5) years from the date of sale.

Finishes shall be warranted for three (3) years excluding US10B/613 Oil Rubbed Bronze finish.

Electrical products shall be warranted for one (1) year from the date of sale.

This warranty does not cover defects or damage arising from failure to perform normal maintenance, faulty installation, ordinary wear and tear, misuse, abuse, freight damage or application for which the product was not designed.

### NORTON® CLOSERS - 15 YEAR

Norton® 1600 Series Door Closers are warranted against defects in material and workmanship for fifteen (15) years from the date of sale.

This warranty does not cover defects or damage arising from failure to perform normal maintenance, faulty installation, ordinary wear and tear, misuse, abuse, freight damage or application for which the product was not designed.

### LIFETIME FINISH HARDWARE & ACCESSORIES - 10 YEAR / 1 YEAR

Schlage® Lifetime Finish hardware, Trilennium™ Lifetime Finish Multi-Point Locking Hardware, Emtek® Lifetime Finish hardware, Kick Plates, Mail/Magazine Slots, Door Knockers and Door Knocker Viewers with Lifetime Bright Brass, Satin Nickel and Aged Bronze finish are warranted against tarnishing for a period of ten (10) years from date of installation and warranted against mechanical defects for a period of one (1) year from date of installation. Schlage® Lifetime Finish Keypad Electronic Access Locksets and Deadbolts are warranted against electronic defects for a period of one (1) year from date of installation.

Emtek® handlesets and Colonial Door Knockers with an Oil Rubbed Bronze finish are not warranted against tarnishing.

### SCHLAGE® HARDWARE - 1 YEAR

Schlage® lock products with standard finish are warranted against mechanical defects and tarnishing for a period of one (1) year from date of installation.

### HARDWARE ACCESSORIES - 1 YEAR

Kick Plates, Mail/Magazine Slots, Door Knockers, Door Knocker Viewers, Peepsites, Decorative Long Trim Handles, and Push/Pull Plates with standard finish are warranted against mechanical defects and tarnishing for a period of one (1) year from date of installation.

### WINDOW TRIM - 1 YEAR

Window trim is warranted against defects in material and workmanship for a period of one (1) year from date of installation. This includes doors that are installed behind a storm door.



"To serve, by caring for details in ways others won't." It's not just our mission, but a way of letting our light shine every day at ProVia®. We continually strive to put these words into action by providing unmatched quality and service. The P-icon symbolizes each employee's commitment to devoting the utmost care, pride and quality into each building product we manufacture...it's The Professional Way.



At ProVia, we manufacture energy efficient products and exercise corporate environmental stewardship by recycling, reducing pollution emissions and much more. In fact, our company has received repeated awards from the Environmental Protection Agency such as Partner of the Year - Sustained Excellence for Door and Window Manufacturing.



DOORS | WINDOWS  
SIDING | STONE | ROOFING  
[provia.com](http://provia.com)

© 2020 ProVia  
P-MK-01700-20 | 11/22

Distributed by: