

FILLY THREE THE

NON-RESIDENTIAL & MULTI-FAMILY ENTRY DOORS | STORM DOORS | PATIO DOORS | WINDOWS

015/07

PROVIA® BUILDS DOORS THE PROFESSIONAL WAY

ProVia has developed a competitive position by catering to a niche within the door market that demands a high degree of customization coupled with outstanding quality. Our company defines the products that meet this demand as "professional-class." We have found success by adhering to a set of core values that guide us as we develop rewarding, long-term relationships with our employees, customers and homeowners.

WHAT MAKES PROVIA **PROFESSIONAL-CLASS?**

Today's off-the-rack consumer-grade doors, which are mass-produced and not customized for your home, often fall short of expectations and performance.

These shortcomings are the driving force behind ProVia's custom entry doors, built to your exact measurements for a precise fit, protection, security, and energy efficiency. The materials that go into our custom-made doors are premium quality and exceptionally durable, far surpassing the ready-made doors at the bigbox hardware stores, and our craftsmanship and care for details can be seen in each door we produce.





DURABILITY

BEAUTY



ENERGY EFFICIENCY





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WE'RE BUILDING YOUR DOORS AND OUR COMPANY TO LAST FOR GENERATIONS-That's THE PROFESSIONAL WAY.



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

Serving alongside



DOORS | WINDOWS | SIDING | STONE | ROOFING



Doing Business Since

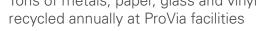


200+ Metric Tons of CO² Saved Annually

1,700+ Associates Nationwide

Core Values

1,900+ Tons of metals, paper, glass and vinyl





If you ask around, you'll find attention to detail is what our customers have come to appreciate and expect from the ProVia brand. Our company is family-owned and faithbased with an intense focus on producing Professional-Class products. ProVia feels so strongly about the performance and workmanship of our entry systems-built by skilled craftspeople with state-of-the-art manufacturing processes.









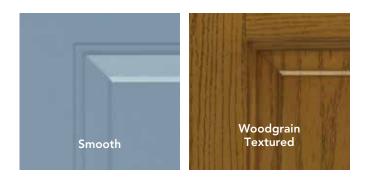




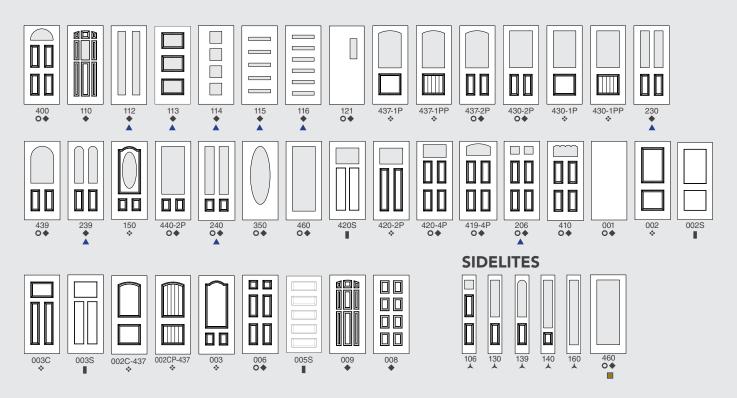
Our steel door features add up to a professional-class product. Whether you select Woodgrain Textured Steel or Smooth Steel, our entry systems will provide an elegant, durable and energy efficient entryway.

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



O 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 ▲ NOT available as an Impact Shield product

NOT available as Impact Shield or Certified Windload product

Entry System U-Factor: As low as .17 (Tested to NFRC specifications for a 6 panel door with wood frame).

Warranty time period may be limited in extreme applications. See warranty for details.

Patent - USD621062

STEEL DOOR ADVANTAGES





Composite top endcaps increase rigidity and energy efficiency.

ProVia doors are **foam filled by a computer driven process** that ensures the optimal foam fill for maximum energy efficiency and strength.

The edges and face skin of our steel doors are **one continuous piece of steel** for strength and durability.

Plugless Window Trim is optional on Legacy Steel (see Price List for available styles)

Z-AC[™] Threshold with auto-adjusting riser. Standard with aluminum mill finish.

3

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

ADDITIONAL AVAILABLE OPTIONS

- Hardware Prep
- Facebore
- 16-Gauge Rim Lock Box
- 16-Gauge Mortise Lock Box
- 14-Gauge Panic Reinforcement
- Panic Hardware Available

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%16" 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

OPTIONS

- Edge Preps 1"x 2¼", 1½"x 2¼", 1¼"x 8"
- No Face Prep
- Mortise Face Prep
- 1⁵/₈" or 2¹/₈" Cylindrical Lockset Facepreps
- Strike Plate Preps: 2¹/₄" or 4⁷/₈"
- 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 to100 in²)

20-GAUGE STEEL ENTRY DOORS - LIGHT DUTY





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.

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 11/8" x 21/4", or 11/4" x 8" or Trilennium

FRAME 4%16" Full Wood Frame

THRESHOLD

Z-AC[™] Threshold Aluminum Mill Finish

PAINT

1 color both sides

WINDOW TRIM

Standard (where applicable)

Mortise Face Prep

• 4⁷/₈" Strike Plate Prep

20 or 90 Minute Fire Rating

EDGE PREP

1" x 2¹/4"

LOCKSET & DEADBOLT STRIKE PLATE PREP

1⁵/₈" or 2¹/₈" Cylindrical Lockset Facepreps

18-Gauge Hollow Metal Masonry Frame

• 18-Gauge Hollow Metal Drywall Frame

• 21/8" Cylindrical Deadbolt Face Prep

Standard (343/4") (21/4") 51/2" Center-to-Center

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

LOCKSET

Schlage F51N Georgian Knob

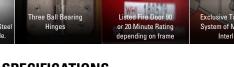
DEADBOLT

Schlage B60 Thumbturn (Grade 1)

HARDWARE REINFORCEMENT

Composite Lock Block

- 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



FIBERGLASS DOORS

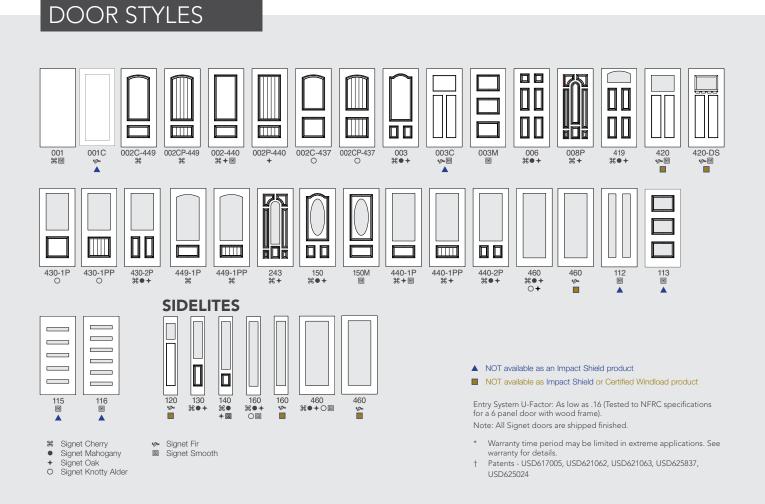
Our Fiberglass doors are available in Cherry, Mahogany, Oak, Fir and Smooth Series. Structurally, our door is far superior to traditional fiberglass doors with robust hardwood stiles and rails dovetailed at each corner. All fiberglass doors exhibit our exclusive DuraFuse[™] finishing system featuring P³ 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 ¼" increments.



See page 22 for Fiberglass paint and stain finishes.



FIBERGLASS ADVANTAGES

4-ply hardwood closer reinforcement The inside door **frame is hand-stained or painted to match your door** providing you with a consistent visual appearance. (Signet doors are also available with a Steel L-frame.)

> Stiles and rails are dovetailed and glued at each corner creating a structurally solid, integrated frame.

> > **Door edge** is constructed with cherry, mahogany, oak or fir wood matching the selected series.

The 4¼" fingerjointed 4-ply hardwood strike stile provides a solid mounting surface for decorative hardware and superior structural integrity.

The revolutionary DuraFuse[™] Finishing System featuring P³ Fusion yields unprecedented finish durability.

A high-performance, composite material is utilized on all Signet fiberglass bottom rails, giving excellent rot-resistance.

The 2%" finger-jointed 3-ply hardwood hinge stile provides superior structural integrity.

(**Standard Duty**: 4¼" finger-jointed 4-ply hardwood strike stile)

ProVia doors are **foam filled by a computer driven process** that ensures the optimal foam fill for maximum efficiency and strength.

The authentic wood look is made possible by using cutting-edge NVD (Nickel Vapor Deposition) technology by MasterGrain[™].

Scientifically formulated compounds provide superior resistance to denting, splitting, cracking and warping.

High-definition panel profile creates excellent shadow lines and distinct panel designs.

Plugless Window Trim (Patent Pending) is standard on Signet (N/A Fir Series).

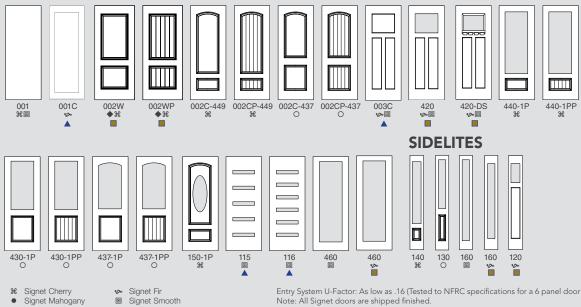
> Z-AC[™] Threshold with auto-adjusting riser. Standard with anodized bronze finish.

8' FIBERGLASS DOC

8' Doors provide a majestic first impression. Choose from many available glass and door styles

DOOR STYLES

8' FIBERGLASS DOOR STYLES



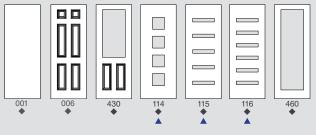
Entry System U-Factor: As low as .16 (Tested to NFRC specifications for a 6 panel door with wood frame). Note: All Signet doors are shipped finished.

- Warranty time period may be limited in extreme applications. See warranty for details.
 Patents USD617005, USD621062, USD621063, USD625837, USD625024

8' STEEL DOOR STYLES

Signet Oak

O Signet Knotty Alder



Only available in 42" x 96" size

- 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)

Π

130

SIDELITES

Entry System U-Factor: As low as .17 (Tested to NFRC specifications for a 6 panel door with wood frame). Warranty time period may be limited in extreme

160

applications. See warranty for details. Patent - USD621062

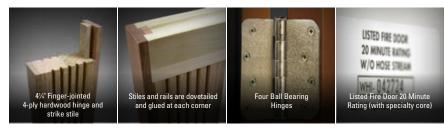
+

- ▲ NOT available as an Impact Shield product
- NOT available as Impact Shield or Certified Windload product



FIBERGLASS ENTRY DOORS





FIBERGLASS DOOR STANDARD SPECIFICATIONS

Fiberglass Slab with High Definition Woodgrain Face

FRAME

4%16" 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

ADDITIONAL AVAILABLE OPTIONS:

- Wood Closer Reinforcement
- Wood Panic Reinforcement
- Panic Hardware Available
- 4¼ panic bar reinforcement
- Mortise Face Prep

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

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 P³ 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

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

- 16-Gauge Hollow Metal Masonry Frame
- 16-Gauge Hollow Metal Drywall Frame
- Threshold Options: No Threshold, Saddle Threshold, ADA Compliant Threshold
- All Glass Styles

• Edge Preps 1"x 21/4", 11/8"x 21/4", 11/4"x 8"

1⁵/₈" or 2¹/₈" Cylindrical Lockset Facepreps

21/8" Cylindrical Deadbolt Facepreps

• Strike Plate Preps: 21/4" or 47/8"

20 Minute Fire Rating

HGHT 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[™] Threshold is Standard
- Energy Efficient Weatherstripping
- Factory Pre-Finished
- DuraFuse Finishing System Featuring P³ 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

FIBERGLASS DOOR STANDARD SPECIFICATIONS HINGES

Fiberglass Slab with High Definition Woodgrain Face

FRAME

4%16" Full Wood Frame

DOOR TOP & BOTTOM REINFORCEMENTS Poplar Top Rail & Composite Bottom Rail

PERIMETER

4-Ply, Finger-Jointed Solid Wood (Strike Side) 3-Ply, Finger-Jointed Solid Wood (Hinge Side)

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

ADDITIONAL AVAILABLE OPTIONS:

- Wood Closer Reinforcement
- No Face Prep
- Mortise Face Prep
- No Edge Preps
- 21/8" Cylindrical Deadbolt Facepreps
- 1⁵/₈" or 2¹/₈" Cylindrical Lockset Facepreps
- Strike Plate Preps: 2¹/₄" or 4⁷/₈"
- 20 Minute Fire Rating

Three Ball Bearing Hinges

Z-AC[™] Threshold Anodized Bronze Finish

THRESHOLD

HARDWARE

EDGE PREP

WARRANTY

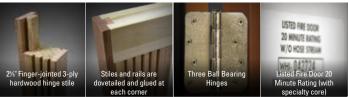
Non-Residential Warranty

None

1" x 21/4"

- Edge Preps 11/8" x 21/4", or 11/4 x 8" or Trilennium
- 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





PAINT

1 color both sides (inside frame painted to match)

WINDOW TRIM

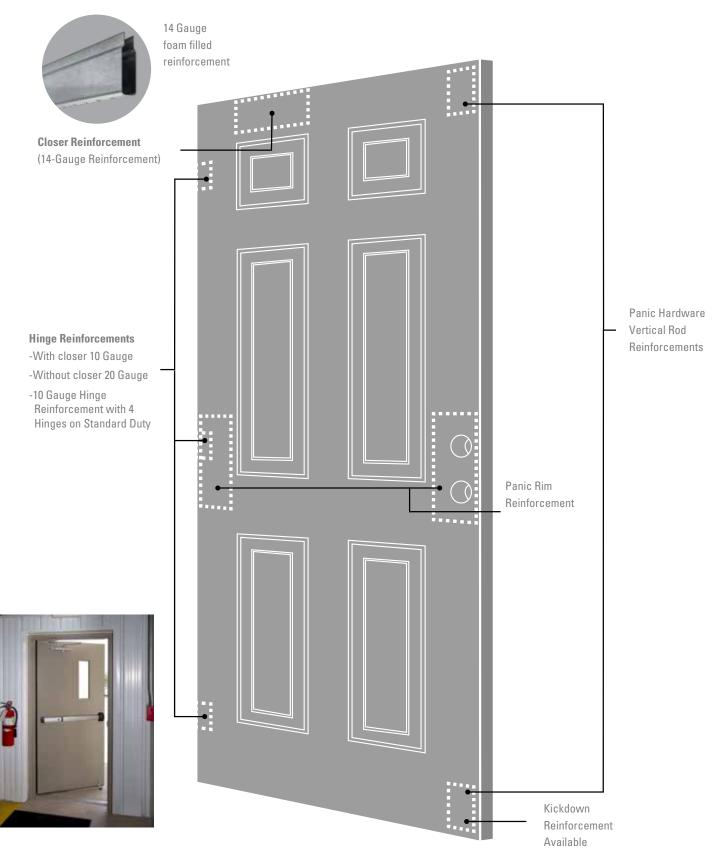
Standard (where applicable)

STRIKE LOCATION

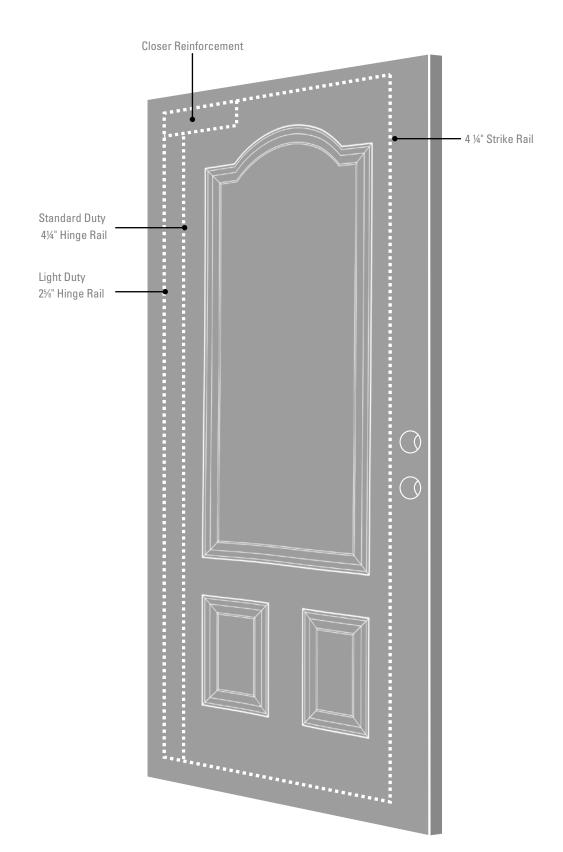
343/4 LOCKSET & DEADBOLT PREP

51/2" Center to Center

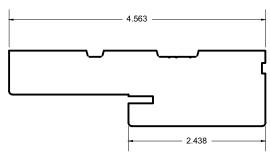
REINFORCEMENT OPTIONS



FIBERGLASS DOORS



FULL WOOD FRAME



- 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

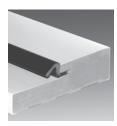
- PVC Coated Aluminum Cladding
- Match Most of Our Paint Colors
- Pre-Fitted for Custom Frame Depths
- Completely Maintenance Free Exterior
- No Follow-Up Painting is Required
- Now Also Available in Four Smooth Cladding Colors.





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.



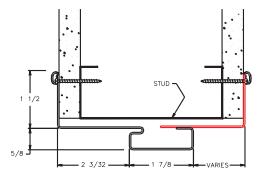
- Smooth white finish (inside frame rabbet is painted to match inside door color)
- Standard 4%16" frame depth
- Available for steel or fiberglass doors
- Available for Single doors, French doors, Sidelites and Rectangle Transoms
- Standard Brickmold, Brickmold with Nailing Fin, 3½" Flat Brickmold, 5½" Flat or Custom Width Flat Brickmold up to 5%"†
- Frame Extensions from 4³/₄" up to 12⁹/₁₆"
- 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% ₁₆ " x 82"	51%16" x 82"	51%16" x 82"	51 ⁹ /16" x 82"

REDI-FLEX[®] ADJUSTABLE STEEL FRAME





- Adjustable Throat Frame Designed for Prehung Applications
- $4\!\!\!\!/2''$ to $12\!\!\!/2''$ wall sizes (1" adjustment). Wall thickness greater than $7\!\!\!/2''$ will be special order.
- 5%" 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

Standard sill - no notching required

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

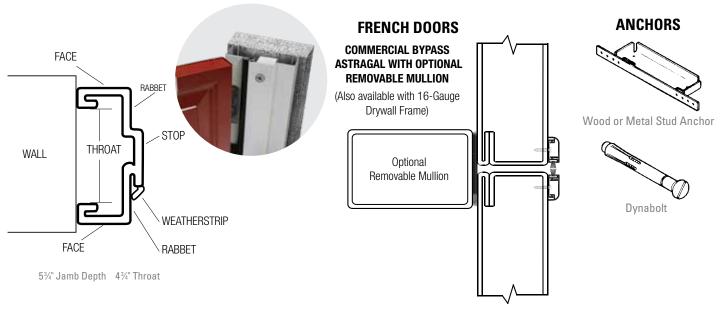
Rough Opening Sizes	20-Gauge Steel Standard Duty	20-Gauge Steel Light Duty	Fiberglass Standard Duty	Fiberglass Light Duty
32" x 80" Single Door Width x Height	N/A	33 x 81¾"	N/A	33 x 81%"
36" x 80" Single Door Width x Height	N/A	37 x 81¾"	N/A	37 x 81%"

INSTALLATION FRAMES 16-GAUGE HOLLOW METAL MASONRY FRAME

(STANDARD DUTY - 4 HINGES)



- 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 Jambs 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

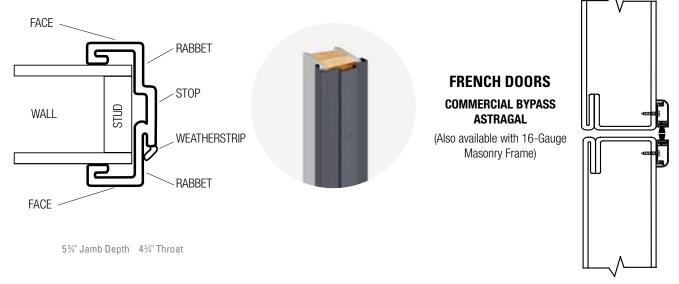


*SEE FRAME SIZING CHARTS ON PAGE 38

16-GAUGE HOLLOW METAL DRYWALL FRAME (STANDARD DUTY - 4 HINGES)



- 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 Jambs 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

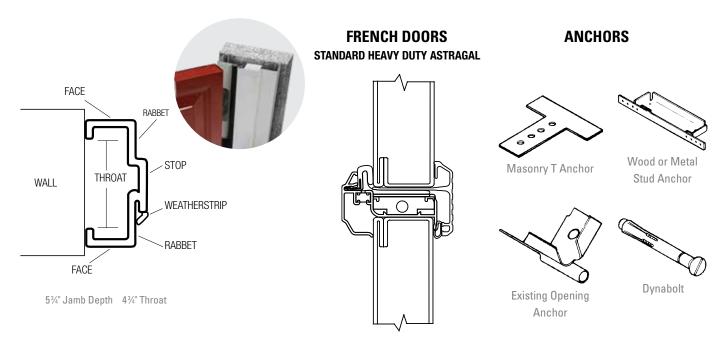


INSTALLATION FRAMES 18-GAUGE HOLLOW METAL MASONRY FRAME (LIGHT DUTY - 3 HINGES)



- 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 2¼ T Strike Preps 5½ Apart for Lockset and Deadbolt
- Pre-Finished to Match Door Slab (optional)
- Simple Labor Installation
- Kerfed Stop with Q-Lon Weatherstripping
- Saddle Threshold

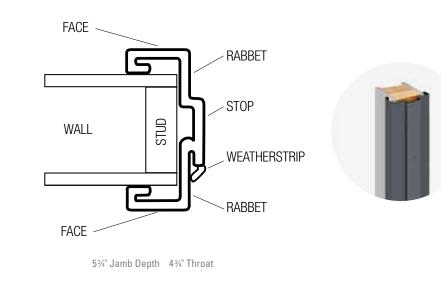


*SEE FRAME SIZING CHARTS ON PAGE 38

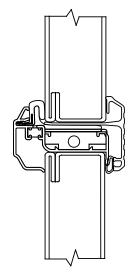
18-GAUGE HOLLOW METAL DRYWALL FRAME (LIGHT DUTY - 3 HINGES)



- 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

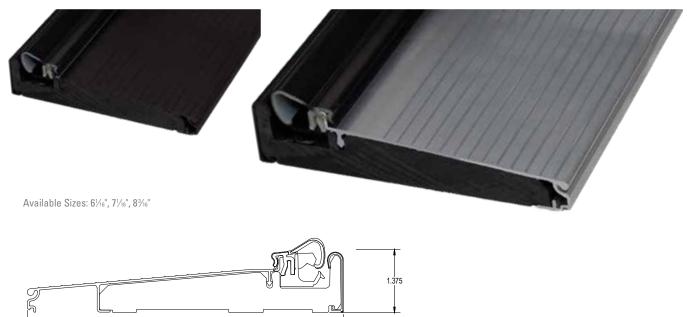


FRENCH DOORS STANDARD HEAVY DUTY ASTRAGAL



THRESHOLDS

Z-AC[™] THRESHOLD

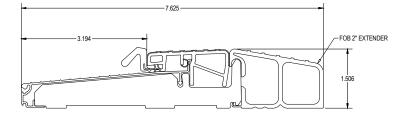




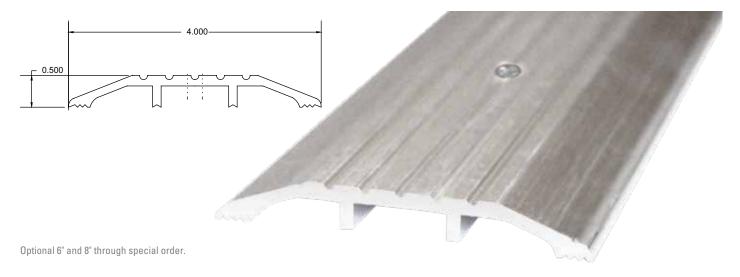
6.875

NC OUTSWING THRESHOLD





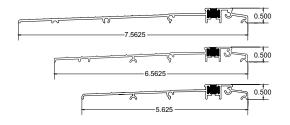
ADA APPROVED 4" SADDLE THRESHOLD



INSWING ADA COMPLIANT THRESHOLD



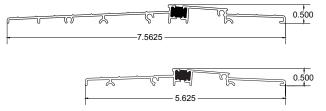
Available in Aluminum (shown) or Bronze finish



OUTSWING ADA COMPLIANT THRESHOLD



Available in Aluminum (shown) or Bronze finish



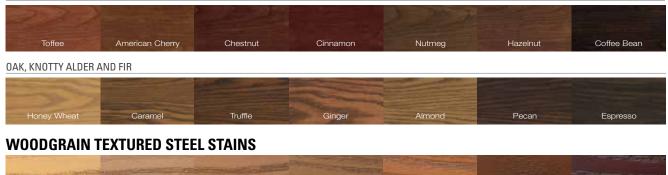
THRESHOLD AVAILABILITY

	Redi-Flex Steel Frame	18 & 16-Gauge Steel Frame	Full Wood Frame
NC Outswing Threshold	•		•
NC Inswing Threshold	٠		•
ADA Compliant 4" Saddle Threshold	•	•	
Inswing ADA Compliant Threshold	•		•
Outswing ADA Compliant Threshold	٠		•

STAIN & PAINT FINISHES**

FIBERGLASS STAINS

CHERRY AND MAHOGANY



GLAZED FINISHES

Natural Oak Light Oak

FOR FIBERGLASS

A ALAN	A MAR			1.464		
Rustic Sage	Dutch Gray	Winter Rain	Natural Leather	Red Velvet	Windy City	River Gorge

Dark Oak

Walnut

STANDARD PAINT COLORS

FOR ALL FIBERGLASS & STEEL DOORS

Snow Mist	Café Cream	Chateau	Sandpiper Beige	Sandstone	Sterling Gray	Nightfall	Coal Black
Geneva Blue	Enzian Blue	Forest Green	Vallis Red	Mountain Berry	Rustic Bronze	Clay	Tudor Brown

ALUMINUM PRE-FIT CLADDING

(MATCHING CAULKING AVAILABLE)



TUFTEX SMOOTH CLADDING ALUMINUM TRIM COIL

WITH MAR-RESISTANT SMOOTH FINISH

Snow Mist	Sandpiper Beige	Sandstone 🛇	Classic Bronze*

§ 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.

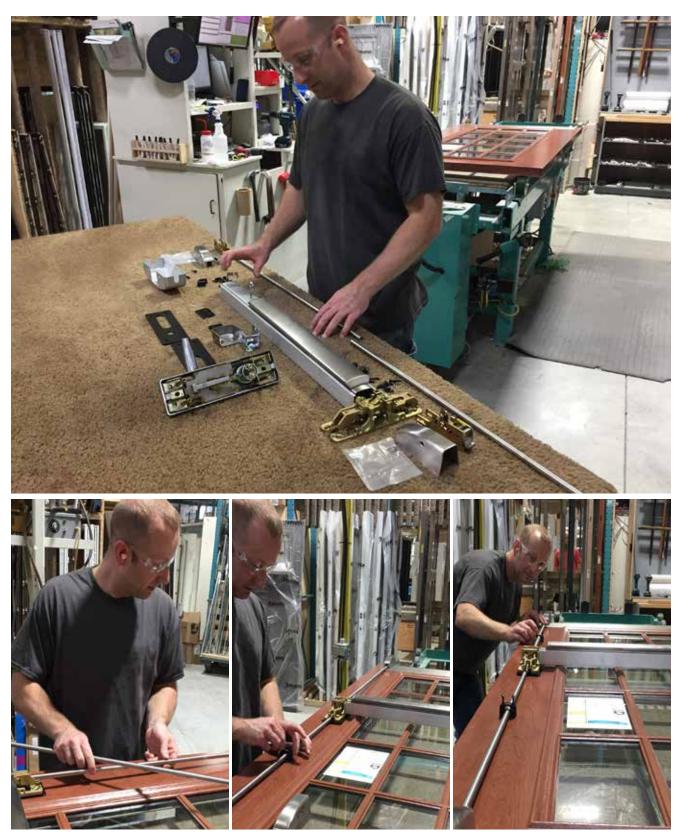
Provide your dealer with any brand paint swatch. May add additional lead time.



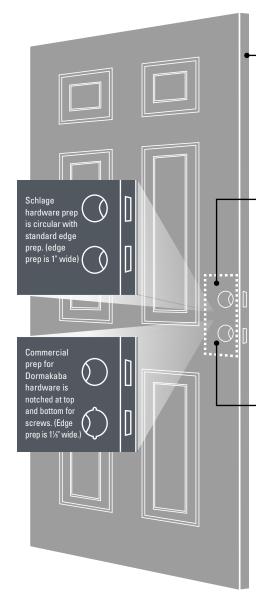
Dark Mahogany

(3 paint swatches required for Windows and Sliding Patio Doors) •Homeowner sign-off may be required on custom color match. Refer to entryLINK or contact customer service for details

HARDWARE PREP PRE-ASSEMBLED BY PROVIA



HARDWARE SCHLAGE®



Edge Prep — Comes standard on Standard Duty and

Light Duty doors

Composite Lock Block

Hardware Prep

Comes standard on

Standard Duty and

Steel Hardware Prep

Optional on Standard Duty and Light Duty doors (Standard on Fire Rated)

Light Duty doors

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)



Georgian Key in Knob Lockset*



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



Maximum Security Double Key 1" Deadbolt *



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

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

1Co

Accent Keyed Lockset*



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



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



Addison Trim (not available in Bright Brass finish)



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



Maximum Security Thumbturn 1" Deadbolt*

Standard Duty Standard Hardware Prep height is 42" from the floor. Light Duty Standard Hardware Prep height is 34 $^3\!4$ " from the floor.

Panic Hardware Standard Prep height is $40\,^3\!\!\!/16''$ (New Construction Thresholds) to $40\,^{15}\!\!/16''$ (ADA Compliant Thresholds) from the floor.

Panic bar height may be lowered to 33^3 /8" - 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





DORMAKABA®

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.

Elles BHMA (ANSI &

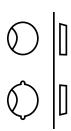
CERTIFICATIONS

- 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 Dormakaba 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 DORMAKABA® PANIC/CYLINDRICAL HARDWARE

SIMPLEX LP1000



E-PLEX 2000



PERFORMANCE FEATURES

NO BATTERY

• Fully mechanical lock eliminates the material and labor expense of battery replacements

LOCKING DEVICE OPTIONS

 Rim Exit Device: Compatible with most leading brands of Exit Devices—see list below (Exit Device and mounting hardware not included)

EXIT DEVICE COMPATIBILITY

- Dorma 9100, 9300 Exit devices.
- Also Compatible to many Exit Devices manufactured by others, please inquire.

NUMBER OF CODES

 Single access code—one easy-to-manage code for all users

HANDING

• Factory-handed; not field reversible

OPERATION MODES:

- Pushbutton Access
- Exit Device may be "dogged" without affecting the LP1000
- Economical: A cost effective access control solution

PERFORMANCE FEATURES

NO WIRES

 Requires no wiring to or through the door eliminates risk of damage from pinched wires that can result in costly callbacks

LOCKING DEVICE OPTIONS

- Cylindrical: Cylindrical latch with 3-hour UL/ ULC fire rating
- Rim Exit Device: Compatible with most leading brands of Exit Devices (Exit Device and mounting hardware not included)
- American Standard Mortise: With 1¼" (32 mm) face plate; with and without deadbolt, auto deadbolt also available

NUMBER OF CODES

• Multiple Users—100 Codes

HANDING

 Non-handed; pre-assembled for left-hand door installations—easily changed in the field

AUDIT TRAIL

 The most recent 1,000 Events are recorded in memory, including the use of mechanical key override. Software is required to view audit Events.

PROGRAMMING

 Lock is easily programmed via keypad without removing lock from the door or with optional Microsoft[®] Excel[®]-based software

KEY OVERRIDE (OPTIONAL)

- Optional Key-in-Lever cylinder in Schlage "C" Keyway with black Kaba cap
- Small format—Best and equivalent (6 or 7-pin length)

OPERATION MODES

- PIN access Passage—can be toggled on/off or can be pre-programmed to re-lock after a certain number of hours
- Lockout

AUTHORITY LEVELS

 Five different levels allow who has access to specific lock functions, including: Service Codes—programmed for onetime access or "come-and-go" access for 1 to 24 hours

E-PLEX 5700



PERFORMANCE FEATURES

PROGRAMMING

- Keyscan Aurora software wireless or offline (requires M-Unit handheld)
- Keyscan LUNA software offline only (requires M-Unit)
- Keypad: via keypad with LearnLok feature

EASE OF INSTALLATION

No wire to or through the door

NUMBER OF USERS

- Keyscan Aurora: Up to 45,000
- Keyscan LUNA: Up to 10,000
- E-Plex Enterprise: Up to 3,000
- Stand-alone: Up to 300 access codes (LearnLokTM)

HANDING

 Non-handed, pre-assembled for left-hand door installations easily changed in the field

KEY OVERRIDE

 Key-in-lever cylinders, small format interchangeable cores, large format removable cores

LOCK FUNCTION CUSTOMIZATION

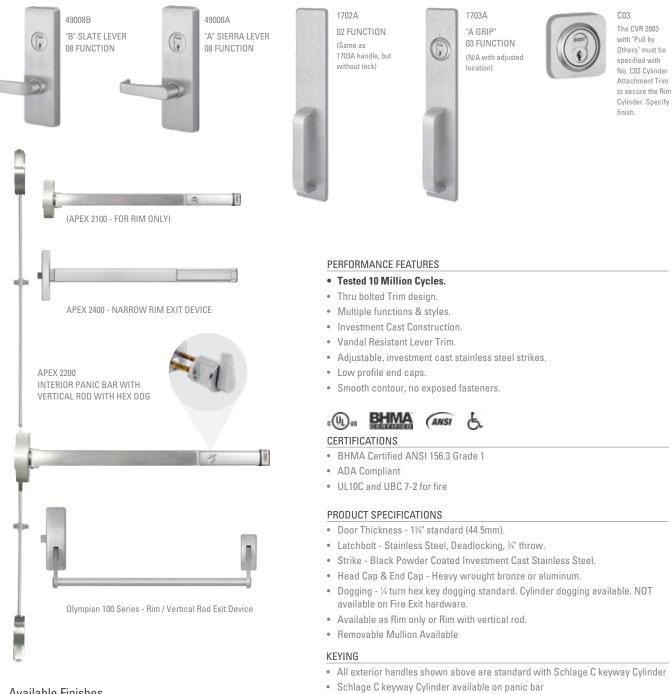
 Locks are easily customized on site via keypad to work as various BHMA lock functions, eliminating the requirement to stock multiple locks for different applications. Built-in options include: Entry, Privacy, and Residence lock, (thumbturn required for privacy and residence functions)

THREE OPERATION MODES (CREDENTIALS)

- PIN only, card only or PIN + card access per access schedule
- Lockout
- Passage—can be toggled on/off or preprogrammed to relock manually or via software

APEX 2000 SERIES

ALL PANIC HARDWARE IS NOW FACTORY INSTALLED ON THE DOOR



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.

Available Finishes

628 Satin Aluminum

613 Satin Bronze

HARDWARE DORMAKABA® PANIC HARDWARE

RELIANT 5000 SERIES



The CVR 2803 with "Pull by Others" must be specified with No. C03 Cylinder Attachment Trim to secure the Rim Cylinder. Specify finish.



"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



Available Finishes

689 Aluminum Painted

695 Dark Bronze Painted

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.

CUL us BHMA (ANSI

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, 3/4" throw.
- Strike Black Powder Coated, Investment Cast Stainless Steel.
- Active Case Stainless Steel.
- 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.

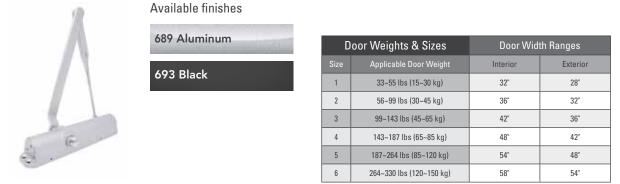
DORMAKABA® CLOSER



PERFORMANCE FEATURES

HARDWARE ADDITIONAL HARDWARE OPTIONS

BEST® CLOSER



1601

PUSH / PULL PLATES



LATCH PROTECTORS







KICKDOWN*



LATCH PROTECTOR*



*Special Order

See entryLINK for available finishes.

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)

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 inproves 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

PEMKO FULL MORTISE CONTINUOUS HINGE



PRODUCT SPECIFICATIONS

- Designed for use with doors which range between 1-3/4" to 2-1/4".
- Designed for bifold applications to keep the faces of the doors flush.
- Fasteners are No. 12-24 x 11/16" #10 Head FHUC, Type C, threadforming, no tapping required.0

HARDWARE FRENCH (DOUBLE) DOORS



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

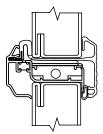




STANDARD HEAVY-DUTY ASTRAGAL

- 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



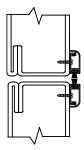
Interior View

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

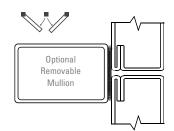


Interior View

KEY REMOVABLE MULLION

(Also available with 16-Gauge Drywall Frame)

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





IMAGINE THE POSSIBILITIES





Inspirations Glass is only available from ProVia.



All Inspirations Glass includes our ComforTech Glazing System.

A ProVia[®] exclusive, Inspirations Art Glass allows you to do just what the name suggests-let your doors reflect the inspiration of your imagination with your choice of design and color.

DESIGNS

The process begins with conceptual design. Our beautiful Inspirations Art Glass styles originated from the imagination of our in-house designers.

RESIN BEAD

The design pattern is created on our computer software, and sent to a CNC machine which applies a resin bead to the surface of the glass in one of our four stylish colors.

COLOR FILL

The color fill truly brings the glass to life. Several colors are offered empowering you to perfectly reflect the personality of you and your home. Our craftsmen hand-apply this color fill to your glass.

OUR GUARANTEE

The resin bead and color fill are backed by our Lifetime Limited Warranty, and will not fade, blister or peel away from the glass.

SEE MORE INSPIRATIONS

Ask to see our Inspirations Art Glass brochure for available styles and color palettes, or use our ProVia app to create custom color palettes and design your dream door.







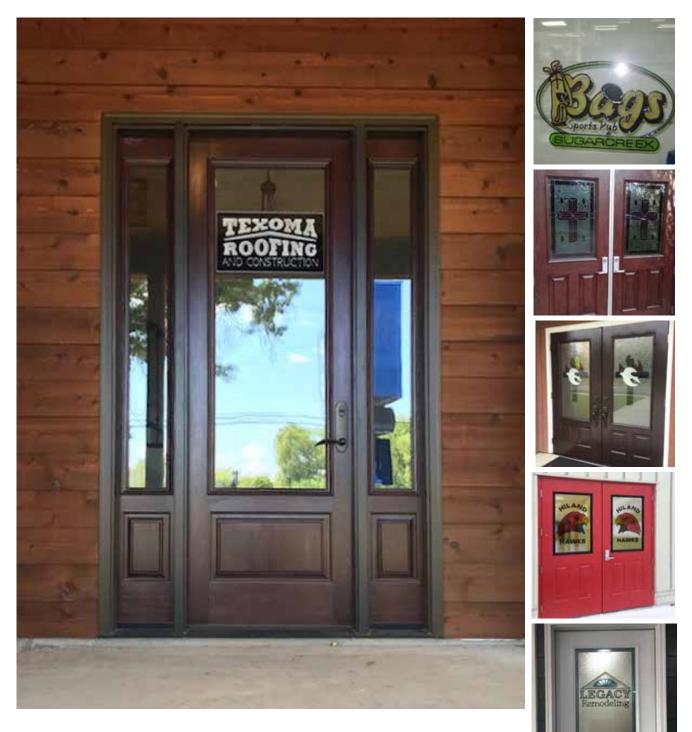


Download our free app today!



Download on entryLINK

CUSTOM DESIGNS BRING YOUR POSSIBILITIES TO LIFE



If you can dream it, we can build it. Share your one-of-a-kind ideas or logo with ProVia, and allow our designers to customize a distinctive style just for you.

MULTI-FAMILY STORM DOOR & WINDOW SYSTEMS

Specifically Designed and Tested for: Multi-Family, Hospitality, Military Housing, Student Housing, Senior Assisted Living

VINYL WINDOWS • VINYL SLIDING PATIO DOORS • ALUMINUM STORM DOORS



VINYL WINDOWS



- A 3¼" frame depth
- B SunShield[®] Vinyl
- © ¾" Insulated glass utilizing Intercept® Blackline Spacer
- Integral Interlock at meeting rail
- Constant Force™ balance system with color-matched covers
- Accessory grooves for more trim options
- G Surface mount locks
- Vent stop
- 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



- 3¼" frame depth
- SunShield[®] Vinyl
- ³/4" Insulated glass with Intercept[®] Blackline spacer and Low-E argon
- Welded frame and sash construction
- Constant Force™ balance system
- 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 Test Specification				
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			

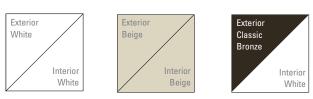
* Requires aluminum reinforcement and sill angle

MULLING OPTION AVAILABLE



Factory mulled upon request

COLORS



SLIDER AND SINGLE SLIDER



- 3¼" frame depth
- SunShield[®] Vinyl
- ¾" 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

2@

mph



1		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
1	Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-PG30 110

	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



- 3¼" frame depth
- SunShield[®] Vinyl
- ¾" ComforTech™ DLA glass
- Welded frame and sash construction
- Exterior glazing
- Square sash profile
- Multi-point locking hardware system
- Quick-release dual-arm operator
- Extruded Aluminum 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



- 3¼" frame depth
- SunShield[®] Vinyl
- ³4" ComforTech™ DLA glass
- Welded frame and sash construction
- Exterior glazing
- Square sash profile
- Multi-point locking hardware system
- Washability hinge
- Extruded Aluminum 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



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



Sill Extender

• ¾" Insulated glass with

Intercept[®] Blackline Spacer

- Sunshield[®] Vinyl
- Interior and exterior accessory grooves
- Exterior Glazing
- Durable Zinc cast top mounting lock and hinge
- Roll formed full screen with BetterVue™ Fiberglass mesh

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VINYL WINDOWS ACCESSORIES & GLASS

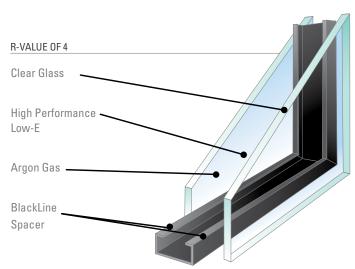
BRICKMOLD WITH NAIL FIN

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



Bottom sill brickmold maintains an individual design mechanically fastened to sides





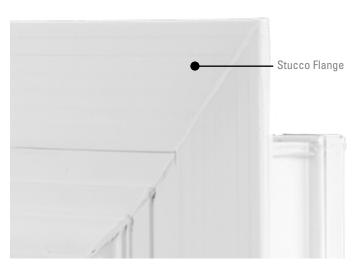
- ³/₄" IGU thickness
- High performance Low-E glass coating applied to one pane
- Space is flooded with Argon gas

INTERCEPT® BLACKLINE LOW-E

• 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.





For additional architectural drawings and specifications go to: provia.com/architects | 800.669.4711

VINYL SLIDING PATIO DOORS



STANDARD FEATURES

- 1" Insulated Tempered Glass
- 4⁹/16" 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 Aluminum Screen Frame with BetterVue™ Fiberglass mesh
- Mortised Locking Handle

For downloadable specs and drawings see: 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 ²
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.



would-be intruders.



AVAILABLE HARDWARE FINISHES

Our Standard Mortise Hardware is available in White, Beige, Sandstone and Black.

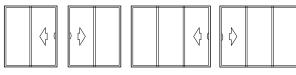
*Flat Bronze coordinates (but is not an exact match) with Aged Bronze accessories. Optional Mortise Hardware (with keylock)

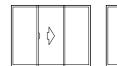


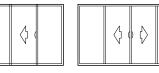


White, Beige, Sandstone, Black Bright Brass Satin Nickel Flat Bronze*









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

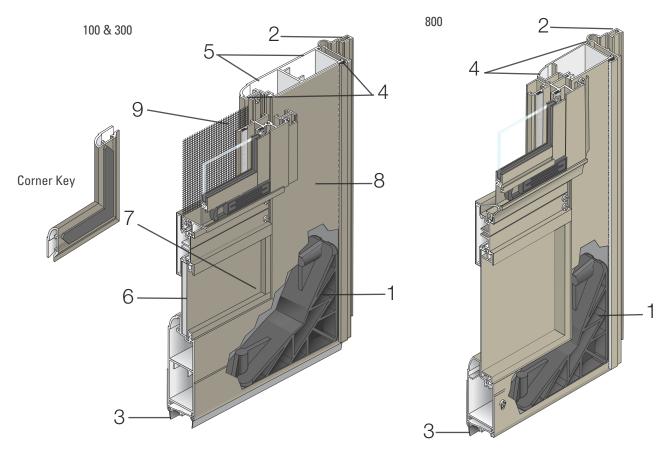
COLORS

Patio doors are available in White, Beige or Sandstone.



STORM DOORS

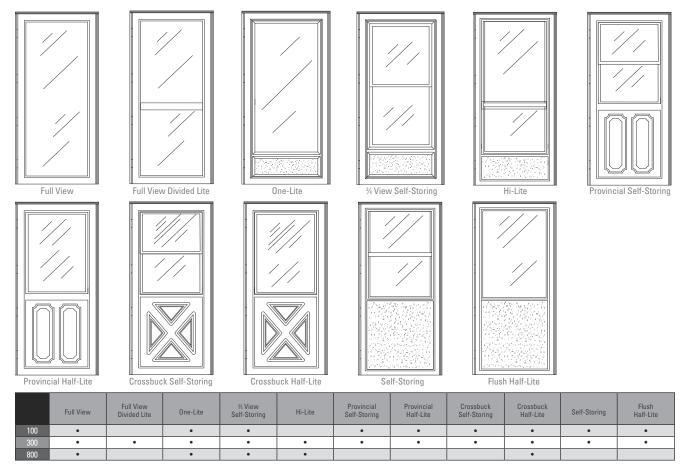
STYLES



Construction	100	300	800
1. Outside corners are secured to corrosion proof gussets for structural integrity	•	٠	•
2. Color matched aluminum installation screw covers enhance the appearance of your door	•	•	•
3. Triple bottom sweep eliminates drafts	•	•	•
4. The sculptured frame adds durability	1¼" x 3%"	1¼" x 3%"	1¼" x 25%"
5. Multi-hollow construction provides greater strength and security	•	•	
6. The reinforced aluminum kick panel resists rust and adds durability	٠	•*	
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)	٠		

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





HARDWARE



DH 228



DH 202/192



DH 182

GLASS FIRE RATED GLAZING AVAILABLE IN SINGLE DOORS ONLY. MAX SIZE 36" X 84" NOMINAL



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-lon weatherstripping & 2 spring bommer 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-lon weatherstripping & 2 spring bommer hinges
- Wire glass option



Wire glass with steel trim 5" x 20" x $\frac{1}{4}$ " daylight opening size is standard. Other sizes available upon request.

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 (iii) 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.

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.

DORMAKABA® COMMERCIAL HARDWARE - LIFETIME / 3 YEAR / 1 YEAR

Dormakaba® 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 originall 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.

DORMAKABA® EXIT DEVICES - 5-YEAR / 3 YEAR / 1 YEAR

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

Reliant Series and Olympian Series are warranted against defects in material and workmanship for three (3) 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.

BEST CLOSERS - 30 YEAR

Best Closers are warranted against defects in material and workmanship for thirty (30) 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^{\otimes} 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

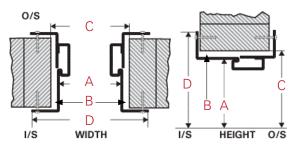
Kick Plates, Mail/Magazine Slots, Door Knockers, Door Knocker Viewers, Peepsites, Decorative Long Trim Handles, and Push/Pull Plates with standard finish are warranted against mechanical defects and tarnishing for a period of one (1) year from date of installation.

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.

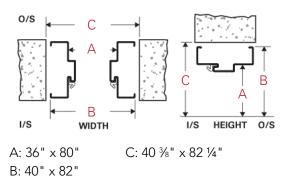
FRAME SIZING

Redi-flex



A: 36" x 80 % C: 37" x 81 ½" B: 36 %" x 81 ½" D: 39 %" x 82 ½"

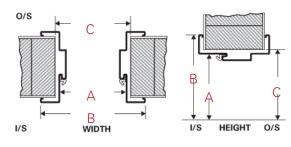
Masonry Frame



Measurements based on a 36" x 80" nominal size

- A: Rabbet Opening B: Unit Size
- D: Flange to Flange
- E: Brickmold Opening
- C: Rough Opening

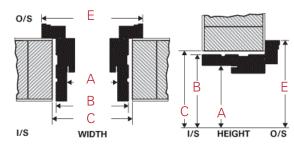
Drywall Frame



C: 37 1/2" x 81 3/4"

A: 36" x 80" B: 40" x 82"

Wood/Composite Frame



A: 36 ¹/₁₆" x 80 ¹⁵/₁₆" C: 38" x 82 ¹/₁₆" B: 37 ⁹/₁₆" x 81 ¹¹/₁₆" D: 40 ¹/₁₆" x 82 ¹⁵/₁₆"

Height										
Frame Types	80" nominal 84" nomina									
	Unit Height	Rough Opening	Unit Height	Rough Opening						
Redi-Flex	811⁄%	81½	851⁄8	851/2						
18 ga drywall	82	80¾	86	84¾						
18 ga masonary	82	821⁄4	86	861⁄4						
16 ga drywall	ga drywall 82		86	84¾						
16 ga masonary	82	821⁄4	86	861⁄4						

CHART MEASUREMENTS IN INCHES

Nominal Sizes	:	30″	:	32″	3	34″	:	36″	4	42″	(50″	(54″		72″
Frame Types	Unit Sizes	Rough Opening														
Redi-Flex	30 5⁄8	31	32 5/8	33	34 %	35	36 5⁄8	37	42 %	43	N/A	N/A	N/A	N/A	N/A	N/A
18 ga drywall	34	31 ½	36	33 ½	38	35 ½	40	37 ½	46	43 1⁄2	64 %	62 %	68 %	66 5/8	76 5⁄8	74 %
18 ga masonry	34	34 ¾	36	36 ¾	38	38 ¾	40	40 3/8	46	46 ¾	64 %	64 %	68 5⁄8	68 %	76%	76 %
16 ga drywall	34	31 ½	36	33 1⁄2	38	35 ½	40	37 ½	46	43 1⁄2	64	62	68	66	76	74
16 ga masonry	34	34 ¾	36	36 ¾	38	38 ¾	40	40 3/8	46	46 ¾	64	64 ¼	68 ¼	68	76 ¼	76

CHART MEASUREMENTS IN INCHES



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

At ProVia, we care about our customers as much as we do the products and services we meticulously provide. We combine old-world craftsmanship with state-of-the-art technology to deliver personalized care with every order. We invite you to experience ProVia's full line of products crafted The Professional Way - which includes the industry's best in doors, windows, siding, stone and roofing.

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Your Vision is Our Inspiration



WINDOWS



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"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.



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