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
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.**
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.

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.

For more information, visit the Environmental Stewardship section of our website at: 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 ½” increments.

DOOR STYLES

SIDELITES

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

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)


Steel top and bottom endcaps included on standard duty.

Special adhesives/thermal barrier reduce heat and cold transfer, while our exclusive tab and slot system of mechanical interlocks gives the door exceptional structural strength.

To reinforce the lock and deadbolt area, we add a rigid composite lock block to all of our steel doors.

Our 20-gauge steel doors give you 49% more galvannealed steel than a standard 24-gauge door.

Composite bottom endcaps increase rigidity and energy efficiency.
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
4½” Full Wood Frame

THRUSHOLD
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 2¼”, 1½”x 2½”, 1¼”x 8”
- No Face Prep
- Mortise Face Prep
- 1½” or 2¼” Cylindrical Lockset Facepreps
- Strike Plate Preps: 2¼” or 4¼”
- 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 in²)
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
4½” Full Wood Frame

THRESHOLD
2-AC™ Threshold Aluminum Mill Finish

PAINT
1 color both sides

WINDOW TRIM
Standard (where applicable)

EDGE PREP
1” x 2½”

LOCKSET & DEADBOLT STRIKE PLATE PREP
Standard (34½”(2½”) 5½” Center-to-Center

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 1½” x 2¼”, or 1½” x 8” or Trilennium
- Mortise Face Prep
- 1½” or 2½” Cylindrical Lockset Facepreps
- 2½” Cylindrical Deadbolt Face Prep
- 4½” 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

LOCKSET
Schlage F51N Georgian Knob

DEADBOLT
Schlage B60 Thumbturn (Grade 1)

HARDWARE REINFORCEMENT
Composite Lock Block
REINFORCEMENT OPTIONS

- Panic Rim Reinforcement
  - With closer 10 Gauge
  - Without closer 20 Gauge
  - 10 Gauge Hinge Reinforcement with 4 Hinges on Standard Duty

- Closer Reinforcement (14-Gauge Reinforcement)

- Hinge Reinforcements
  - With closer 10 Gauge
  - Without closer 20 Gauge
  - 10 Gauge Hinge Reinforcement with 4 Hinges on Standard Duty

- Panic Hardware Vertical Rod Reinforcement

- Kickdown Reinforcement Available
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.
STANDARD DUTY FIBERGLASS ADVANTAGES

The 2¼” 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.

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” finger-jointed 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.
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

SIDELITES

8’ DOORS

8’ SIDELITES

- Oak Grain Pattern
- Hemlock Grain Pattern
- Smooth Fiberglass
LIGHT DUTY FIBERGLASS ADVANTAGES

- **Polyurethane core reduces energy loss.**
- **Improved definition panel profile creates excellent shadow lines and distinct panel designs.**
- **Specially engineered fiberglass door facings will not dent and resist splitting, cracking and warping.**
- **Plugless Window Trim is optional on Heritage Fiberglass (see Price List for available styles).**
- **ZAI™ threshold has a manually-adjustable riser with complementary screw cover caps. Standard with aluminum mill finish.**
- **17⁄8” Finger-jointed, 2-ply solid oak laminated stiles for both hinge and strike sides are proven to provide increased rigidity and structural integrity.**
- **Variable-depth woodgrain texture with hand-applied stain imitates a wood door appearance.**
- **Square-edge design offers an attractive wood door appearance.**
- **Lock area is reinforced to provide a solid mounting surface for decorative hardware.**
- **A high-performance, composite material is utilized on all Heritage fiberglass bottom rails, giving excellent rot-resistance.**
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 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
Fiberglass Slab with High Definition Woodgrain Face

FRAME
4½” 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

ADDITIONAL AVAILABLE OPTIONS:
• Wood Closer Reinforcement
• Wood Panic Reinforcement
• Panic Hardware Available
• 4½” panic bar reinforcement
• Mortise Face Prep

1 10

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
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 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 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

FIBERGLASS DOOR STANDARD SPECIFICATIONS
Fiberglass Slab with High Definition Woodgrain Face

FRAME
49⁄16” 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
ZAI™ Threshold

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

EDGE PREP
1 x 2½” Rounded

WARRANTY
Non-residential Warranty

PAINT
One Color Both Sides

WINDOW TRIM
Standard (Where Applicable)

STRIKE LOCATION
34½”

LOCKSET & DEADBOLT PREP
2½” Facebore, 5½” Center to Center

ADDITIONAL AVAILABLE OPTIONS:
- Edge Preps 1” x 2¼”, or 1½ x 2¼”
- 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 4¾” 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 5¾”†
- Frame Extensions from 4¾” up to 12¾”
- Custom Mullion Build-Up between door and sidelite†

† Requires cladding Build-Up for the entire unit.

Full Wood Frame

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<tbody>
<tr>
<td>36&quot; x 80” Single Door Width x Height</td>
<td>36” x 82”</td>
<td>36” x 82”</td>
<td>36” x 82”</td>
<td>36” x 82”</td>
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<tr>
<td>36” x 80” With One 12” Sidelite Combo Door Width x Height</td>
<td>51½” x 82”</td>
<td>51½” x 82”</td>
<td>51½” x 82”</td>
<td>51½” x 82”</td>
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</tbody>
</table>
- Adjustable Throat Frame Designed for Prehang Applications
- 4½” to 12½” wall sizes (1” adjustment). Wall thickness greater than 7½” will be special order.
- ¾” 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

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<tbody>
<tr>
<td>32” x 80” Single Door Width x Height</td>
<td>N/A</td>
<td>33 x 81½&quot;</td>
<td>N/A</td>
<td>33 x 81½&quot;</td>
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<tr>
<td>36” x 80” Single Door Width x Height</td>
<td>N/A</td>
<td>37 x 81½&quot;</td>
<td>N/A</td>
<td>37 x 81½&quot;</td>
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</table>
INSTALLATION FRAMES
STEEL 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

WIDTH

<table>
<thead>
<tr>
<th>Nominal Door Width</th>
<th>Rough Opening Width</th>
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<tbody>
<tr>
<td>30’</td>
<td>34 5/8”</td>
</tr>
<tr>
<td>32’</td>
<td>36 5/8”</td>
</tr>
<tr>
<td>34’</td>
<td>38 5/8”</td>
</tr>
<tr>
<td>36’</td>
<td>40 5/8”</td>
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<tr>
<td>42’</td>
<td>46 5/8”</td>
</tr>
<tr>
<td>60’</td>
<td>64 5/8”</td>
</tr>
<tr>
<td>64’</td>
<td>68 5/8”</td>
</tr>
<tr>
<td>72’</td>
<td>76 5/8”</td>
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HEIGHT

<table>
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<tr>
<th>Nominal Door Height</th>
<th>Rough Opening Height</th>
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<tbody>
<tr>
<td>80’</td>
<td>82 5/8”</td>
</tr>
<tr>
<td>84’</td>
<td>86 5/8”</td>
</tr>
</tbody>
</table>

FRENCH DOORS
COMMERCIAL BYPASS ASTRAGAL WITH OPTIONAL REMOVABLE MULLION
(Also available with 16-Gauge Drywall Frame)

Optional Removable Mullion

ANCHORS
Wood or Metal Stud Anchor
Dynabolt

16-Gauge Hollow Metal Masonry Frame (Standard Duty - 4 Hinges)

5 1/4” Jamb Depth 4 3/8” Throat
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

WIDTH

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<td>31 1/2”</td>
</tr>
<tr>
<td>32”</td>
<td>33 1/2”</td>
</tr>
<tr>
<td>34”</td>
<td>34 1/4”</td>
</tr>
<tr>
<td>36”</td>
<td>37 1/2”</td>
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<tr>
<td>42”</td>
<td>43 1/2”</td>
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<td>60”</td>
<td>62”</td>
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<tr>
<td>94”</td>
<td>66”</td>
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<tr>
<td>72”</td>
<td>74”</td>
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HEIGHT

<table>
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<th>Nominal Door Height</th>
<th>Rough Opening Height</th>
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<tbody>
<tr>
<td>90”</td>
<td>90 3/4”</td>
</tr>
<tr>
<td>94”</td>
<td>94 1/4”</td>
</tr>
</tbody>
</table>

FACE

RABBET

WALL

STUD

STOP

WEATHERSTRIP

FACE

RABBET

FRENCH DOORS
COMMERCIAL BYPASS ASTRAGAL
(Also available with 16-Gauge Masonry Frame)

5 1/2” Jamb Depth 4 1/2” Throat
INSTALLATION FRAMES
STEEL 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

FRENCH DOORS
STANDARD HEAVY DUTY ASTRAGAL

ANCHORS

- Masonry T Anchor
- Wood or Metal Stud Anchor
- Existing Opening Anchor
- Dynabolt

<table>
<thead>
<tr>
<th>WIDTH</th>
<th>Nominal Door Width</th>
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<tbody>
<tr>
<td>30&quot;</td>
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<tr>
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<td>40½&quot;</td>
<td></td>
</tr>
<tr>
<td>42&quot;</td>
<td>46½&quot;</td>
<td></td>
</tr>
<tr>
<td>60&quot;</td>
<td>64½&quot;</td>
<td></td>
</tr>
<tr>
<td>64&quot;</td>
<td>68½&quot;</td>
<td></td>
</tr>
<tr>
<td>72&quot;</td>
<td>76½&quot;</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>Nominal Door Height</th>
<th>Rough Opening Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>80&quot;</td>
<td>82½&quot;</td>
<td></td>
</tr>
<tr>
<td>84&quot;</td>
<td>86½&quot;</td>
<td></td>
</tr>
</tbody>
</table>
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 18 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

Drywall Applications

**FRENCH DOORS**
STANDARD HEAVY DUTY ASTRAGAL

- 5½” Jamb Depth 4¾” Throat
Z-AC™ THRESHOLD
Available Sizes: 61/16", 71/16", 83/16"

ZAI™

NC OUTSWING THRESHOLD
**ADA APPROVED 4” SADDLE THRESHOLD**

Optional 6’ and 8’ through special order.

**INSWING ADA COMPLIANT THRESHOLD**

Available Sizes: 5⅛”, 6⅛”, 7¾”

Available in Aluminum (shown) or Bronze finish

**OUTSWING ADA COMPLIANT THRESHOLD**

Available Sizes: 5⅛” and 7¾”

Available in Aluminum (shown) or Bronze finish

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

**THRESHOLD AVAILABILITY**

<table>
<thead>
<tr>
<th>Threshold Type</th>
<th>Redi-Flex Steel Frame</th>
<th>18 &amp; 18-Gauge Steel Frame</th>
<th>Full Wood Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>NC Inswing Threshold</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NC Inswing Threshold</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADA Compliant 4” Saddle Threshold</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Inswing ADA Compliant Threshold</td>
<td>✓</td>
<td>✓</td>
<td>X</td>
</tr>
<tr>
<td>Outswing ADA Compliant Threshold</td>
<td>✓</td>
<td>✓</td>
<td>X</td>
</tr>
</tbody>
</table>
# STAIN & PAINT FINISHES**

## STANDARD DUTY FIBERGLASS STAINS

**CHERRY AND MAHOGANY**

<table>
<thead>
<tr>
<th>Toffee</th>
<th>American Cherry</th>
<th>Chestnut</th>
<th>Cinnamon</th>
<th>Nutmeg</th>
<th>Hazelnut</th>
<th>Coffee Bean</th>
</tr>
</thead>
</table>

**OAK, KNOTTY ALDER AND FIR**

<table>
<thead>
<tr>
<th>Honey Wheat</th>
<th>Caramel</th>
<th>Truffle</th>
<th>Ginger</th>
<th>Almond</th>
<th>Pecan</th>
<th>Espresso</th>
</tr>
</thead>
</table>

## WOODGRAIN TEXTURED STEEL & LIGHT DUTY FIBERGLASS STAINS

<table>
<thead>
<tr>
<th>Natural Oak</th>
<th>Light Oak</th>
<th>Oak</th>
<th>Dark Oak</th>
<th>Walnut</th>
<th>Cherry</th>
<th>Dark Mahogany</th>
</tr>
</thead>
</table>

## GLAZED FINISHES

FOR STANDARD DUTY FIBERGLASS

<table>
<thead>
<tr>
<th>Rustic Sage</th>
<th>Dutch Gray</th>
<th>Winter Rain</th>
<th>Natural Leather</th>
<th>Red Velvet</th>
<th>Windy City</th>
<th>River Gorge</th>
</tr>
</thead>
</table>

## STANDARD PAINT COLORS

FOR ALL FIBERGLASS & STEEL DOORS

<table>
<thead>
<tr>
<th>Snow Mist</th>
<th>Café Cream</th>
<th>Primrose Yellow</th>
<th>Chateau</th>
<th>Sandpiper Beige</th>
<th>Sandstone</th>
<th>Sterling Gray</th>
<th>Nightfall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay</td>
<td>Geneva Blue</td>
<td>Enzian Blue</td>
<td>Forest Green</td>
<td>Vallis Red</td>
<td>Mountain Berry</td>
<td>Rustic Bronze</td>
<td>Tudor Brown</td>
</tr>
<tr>
<td>Coal Black</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## ALUMINUM PRE-FIT CLADDING

(MATCHING CAULKING AVAILABLE)

<table>
<thead>
<tr>
<th>Snow Mist</th>
<th>Café Cream</th>
<th>Chateau</th>
<th>Sandpiper Beige</th>
<th>Sandstone</th>
<th>Sterling Gray</th>
<th>Nightfall</th>
<th>Clay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geneva Blue</td>
<td>Forest Green</td>
<td>Mountain Berry</td>
<td>Rustic Bronze</td>
<td>Tudor Brown</td>
<td>Coal Black</td>
<td>Oak</td>
<td>Cherry</td>
</tr>
</tbody>
</table>

## TUFTEX SMOOTH CLADDING ALUMINUM TRIM COIL

WITH MAR-RESISTANT SMOOTH FINISH

<table>
<thead>
<tr>
<th>Snow Mist</th>
<th>Sandpiper Beige</th>
<th>Sandstone</th>
<th>Classic Bronze*</th>
</tr>
</thead>
</table>

* Smooth Sandstone cladding is a close match, but not an exact match to Sandstone 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 entryLICENSE
HARDWARE PREP
PRE-ASSEMBLED BY PROVIA
ALL SCHLAGE CLASSIC SERIES HARDWARE IS AVAILABLE IN THESE FINISHES

- Bright Brass
- Antique Brass
- Satin Nickel
- Black

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*
- 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)
- Century Trim (only available in Satin Nickel and Aged Bronze finish)
- Maximum Security Interior Only 1-Sided Thumbturn 1" Deadbolt
- Maximum Security Double Key 1" Deadbolt

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 5/8" (ADA Compliant Thresholds) from the floor.

Panic bar height may be lowered to 33¼" - 34¾" (dependant on threshold) from the floor to avoid interference with embossing or window trim.

* 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
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

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

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 - 1⅜ standard (44.5mm).
• Latchbolt - Stainless Steel, Deadlocking, ¾ throw.
• Strike - Black Powder Coated Investment Cast Stainless Steel.
• Head Cap & End Cap - Heavy wrought bronze or aluminum.
• Dogging - ¼ 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.

Available Finishes
628 Satin Aluminum
613 Satin Bronze
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 - 1 3/4" standard (44.5mm).
• Latchbolt - Stainless Steel, Deadlocking, 3/4" throw.
• Strike - Black Powder Coated, Investment Cast Stainless Steel.
• Active Case - Stainless Steel.
• Dogging - 1/4 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
NORTON® CLOSER

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
- Handing - 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

Available finishes
- 689 Aluminum Painted
- 695 Bronze Painted

STANLEY® CLOSER

QDC311 TRI-PACK ARM
QDC312 HOLD-OPEN ARM

NORTON® CLOSER

Available finishes
- 689 Aluminum
- 690 Bronze
- 696 Gold

PUSH / PULL PLATES

PUSH/PULL BAR*
PULL ROUNDED*

HARDWARE
ADDITIONAL HARDWARE OPTIONS

695 Bronze Painted

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
- Handing - 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

<table>
<thead>
<tr>
<th>Size</th>
<th>Applicable Door Weight</th>
<th>Interior</th>
<th>Exterior</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>33-55 lbs (15-30 kg)</td>
<td>32&quot;</td>
<td>28&quot;</td>
</tr>
<tr>
<td>2</td>
<td>56-99 lbs (30-45 kg)</td>
<td>36&quot;</td>
<td>32&quot;</td>
</tr>
<tr>
<td>3</td>
<td>99-143 lbs (45-65 kg)</td>
<td>42&quot;</td>
<td>36&quot;</td>
</tr>
<tr>
<td>4</td>
<td>143-187 lbs (65-85 kg)</td>
<td>48&quot;</td>
<td>42&quot;</td>
</tr>
<tr>
<td>5</td>
<td>187-264 lbs (85-120 kg)</td>
<td>54&quot;</td>
<td>48&quot;</td>
</tr>
<tr>
<td>6</td>
<td>264-330 lbs (120-150 kg)</td>
<td>58&quot;</td>
<td>54&quot;</td>
</tr>
</tbody>
</table>

KICK PLATE (BLACK/BRONZE)

KICK PLATE ALSO AVAILABLE IN:
- SATIN NICKEL

*Special Order
**LATCH PROTECTORS**

- 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

---

**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, #E08373)
- 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)

**PRODUCT SPECIFICATIONS**

- Power Failure Mode: Field selectable fail safe/fail secure
- Handing: Non-handed design provides greater flexibility
- Finish: BHMA 688/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

---

**KICKDOWN**

**PRODUCT SPECIFICATIONS**

- Special Order

---

**ELECTRONIC STRIKE PLATE**

(For Panic Rim Applications)

---

**ELECTRONIC STRIKE PLATE**

(For Cylindrical Applications)
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-ASTRAL - 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

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

KEY REMOVABLE MULLION
(Also available with 16-Gauge Drywall Frame)
- Both doors active
- Can use panic rim
- Closer on both doors
- Finish: Bronze, Silver

Optional Removable Mullion

REMOVABLE MULLION
(Available for both Apex and Reliant)
**VINYL WINDOWS**

**DOUBLE HUNG / SINGLE HUNG**

- 3⅛" frame depth
- SunShield® Vinyl
- ⅝" 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

<table>
<thead>
<tr>
<th>Test</th>
<th>Test Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air</td>
<td>ASTM E 283</td>
<td>0.13 cfm/ft² @ 25 mph</td>
</tr>
<tr>
<td>Water</td>
<td>ASTM E 547</td>
<td>5.43 psf</td>
</tr>
<tr>
<td>Structural</td>
<td>AAMA/WDMA/CSA 101/1.5.2/A440-11</td>
<td>R-PG35 118 mph</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MULLING OPTION AVAILABLE**

Factory milled upon request

**COLORS**

- Exterior White
- Exterior Beige
- Exterior Classic Bronze
- Interior White
- Interior Beige

Roll formed aluminum screen frame with BetterVue® fiberglass mesh

Integral nail fin (can be ordered with or without)
SLIDER AND SINGLE SLIDER

- 3¼” frame depth
- SunShield® Vinyl
- ½” 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”

<table>
<thead>
<tr>
<th>Test</th>
<th>Test Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air</td>
<td>ASTM E 283</td>
<td>0.14 cfm/ft2 @ 25 mph</td>
</tr>
<tr>
<td>Water</td>
<td>ASTM E 547</td>
<td>6.90 psf</td>
</tr>
<tr>
<td>Structural</td>
<td>AAMA/WDMA/CSA 101/1.5.2/A440-8 and 11</td>
<td>R-PG30 110 mph</td>
</tr>
</tbody>
</table>

### Single Slider 72” x 48”

<table>
<thead>
<tr>
<th>Test</th>
<th>Test Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air</td>
<td>ASTM E 283</td>
<td>0.07 cfm/ft2 @ 25 mph</td>
</tr>
<tr>
<td>Water</td>
<td>ASTM E 547</td>
<td>5.43 psf</td>
</tr>
<tr>
<td>Structural</td>
<td>AAMA/WDMA/CSA 101/1.5.2/A440-8 and 11</td>
<td>LC-PG35 118 mph</td>
</tr>
</tbody>
</table>

AWNING

- 3¼” frame depth
- SunShield® Vinyl
- ¾” 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

### Awning 48” x 32”

<table>
<thead>
<tr>
<th>Test</th>
<th>Test Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air</td>
<td>ASTM E 283</td>
<td>0.02 cfm/ft2 @ 25 mph</td>
</tr>
<tr>
<td>Water</td>
<td>ASTM E 547</td>
<td>12.11 psf</td>
</tr>
<tr>
<td>Structural</td>
<td>AAMA/WDMA/CSA 101/1.5.2/A440-8 and 11</td>
<td>LC-PG50 148 mph</td>
</tr>
</tbody>
</table>

PICTURE

- 3¼” frame depth
- SunShield® Vinyl
- ¾” ComforTech™ DLA glass
- Welded frame and direct-set glass
- Interior glazing
- Sloped sill

### Picture 72” x 48”

<table>
<thead>
<tr>
<th>Test</th>
<th>Test Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air</td>
<td>ASTM E 283</td>
<td>0.01 cfm/ft2 @ 25 mph</td>
</tr>
<tr>
<td>Water</td>
<td>ASTM E 547</td>
<td>12.12 psf</td>
</tr>
<tr>
<td>Structural</td>
<td>AAMA/WDMA/CSA 101/1.5.2/A440-8 and 11</td>
<td>FW-RG5 161 mph</td>
</tr>
</tbody>
</table>

HOPPER

- 3¼” frame depth
- SunShield® Vinyl
- ¾” 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

### Hopper 33" x 33"
**VINYL WINDOWS**

**ACCESSORIES & GLASS**

**BRICKMOLD WITH NAIL FIN**

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

**INTERCEPT® BLACKLINE LOW-E**

- **R-VALUE OF 4**
- Clear Glass
- High Performance Low-E
- Argon Gas
- BlackLine Spacer

- ¾" 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.

Bottom sill brickmold maintains an individual design mechanically fastened to sides

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

STANDARD FEATURES
• 1” Insulated Tempered Glass
• 4¾” 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

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

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

For downloadable specs and drawings see: provia.com/architects

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

<table>
<thead>
<tr>
<th>Construction</th>
<th>100</th>
<th>300</th>
<th>800</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Outside corners are secured to corrosion proof gussets for structural integrity</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>2. Color matched aluminum installation screw covers enhance the appearance of your door</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>3. The bottom sweep eliminates drafts</td>
<td>DOUBLE</td>
<td>DOUBLE</td>
<td>SINGLE</td>
</tr>
<tr>
<td>4. The sculptured frame adds durability</td>
<td>1⅛ x 3½&quot;</td>
<td>1⅛ x 3½&quot;</td>
<td>1¼ x 2½&quot;</td>
</tr>
<tr>
<td>5. Multi-hollow construction provides greater strength and security</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>6. The reinforced aluminum kick panel resists rust and adds durability</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>7. Corner keys provide added support to the inside of the door frame</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>8. Aluminum wall thickness up to 20% thicker than the industry standard</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>9. The unremovable .023 gauge stainless steel screen offers extra security and protection (12x12 mesh)</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

* 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  3⁄4 View Self-Storing  Hi-Lite  Provincial Self-Storing
Provincial Half-Lite  Crossbuck Self-Storing  Crossbuck Half-Lite  Self-Storing  Flush Half-Lite

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

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

- 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.

### 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

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.

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.
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 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-lon weatherstripping & 2 spring bomber hinges
- Wire glass option

Wire glass with steel trim 5’ x 20’ x ¼’ daylight opening size is standard. Other sizes available upon request.
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, TL, 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 Sidelite, 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) invasive 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, Sidelite, 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 is 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
18 and 16-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.
- Hardware Components are warranted against mechanical defects and tarnishing for a period of one (1) year from date of installation.
- Screens are warranted for a period of five (5) years from date of installation.
- Aluminum products finishes are warranted for a period of ten (10) years 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.

STANLEY® COMMERCIAL HARDWARE - LIFETIME / 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 a period of fifteen (15) years from the date of installation.

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.

HARDWARE ACCESSORIES - 1 YEAR
Kick Plates, Mail/Magazine Slots, Door Knockers, Door Knocker Viewers, Peepholes, 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 decay 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.