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:

- 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 eleven times, four for Partner of the Year, six 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 ¼" 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)

† Patent - USD621062
STEEL DOOR ADVANTAGES

Composite top endcaps increase rigidity and energy efficiency.

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.

Steel top and bottom endcaps included on standard duty.

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

Composite bottom endcaps increase rigidity and energy efficiency.

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

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)

Legacy steel entry systems come standard with an anodized nickel threshold with a complementary riser.

Our 20-gauge steel doors give you 49% more galvannealed steel than a standard 24-gauge door.
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 (.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
10-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

THRESHOLD
Aluminum Sahara 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 2½”, 1½” x 2½”, 1½” 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
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

THRUSHOLD
Aluminum Sahara Threshold

PAINT
1 color both sides

WINDOW TRIM
Standard (where applicable)

EDGE PREP
1½ x 2¼"

LOCKSET & DEADBOLT STRIKE PLATE PREP
Standard (34½") (2¼") 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 1¼ x 8" or Trilennium
- Mortise Face Prep
- 1½" or 2¼" Cylindrical Lockset Facepreps
- 2½" Cylindrical Deadbolt Face Prep
- 4¼" 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

Closer Reinforcement (14-Gauge Reinforcement)

20 Gauge Hinge Reinforcements (10 Gauge Hinge Reinforcement with 4 Hinges on Standard Duty)

Panic Rim Reinforcement

Panic Hardware Vertical Rod Reinforcements

Kickdown Reinforcement Available
Shown With Panic Rim Device, QDC312 Closer and Kickdown
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 1/8" increments.

DOOR STYLES

8' Doors Not available as French Doors

Cherry Series
- Cherry

Mahogany Series
- Mahogany

Oak Series
- Oak

Knotty Alder Series
- Knotty Alder

Fir Series
- Fir

Smooth Series
- Smooth

Only available in 42" x 96" size
FIBERGLASS ADVANTAGES

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

- The 2½" finger-jointed 3-ply hardwood hinge stile provides superior structural integrity.

- 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).

- Signet fiberglass entry systems come standard with an anodized bronze threshold with a complementary riser.

- 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.)

- 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.
FIBERGLASS DOORS
LIGHT DUTY

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

CUSTOM HEIGHTS

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

DOOR STYLES

SIDELITES

8’ DOORS

8’ SIDELITES

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

- 1⅛” 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.
- Heritage fiberglass entry systems come standard with an anodized nickel threshold with a complementary riser.
- Plugless Window Trim is optional on Heritage Fiberglass (see Price List for available styles)
- 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.
- Polyurethane core reduces energy loss.

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**FIBERGLASS ENTRY DOORS**

**STANDARD DUTY**

- Realistic Woodgrain Appearance from nickel vapor deposition technology
- 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 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**
4⅜” 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
- 4⅛” panic bar reinforcement
- Mortise Face Prep
- Edge Preps 1” x 2⅝”, 1⅝” x 2⅝”, 1⅛” x 8”
- 2⅛” Cylindrical Deadbolt Facepreps
- 1½” or 2½” Cylindrical Lockset Facepreps
- Strike Plate Preps: 2¼” or 4¼”
- 20 Minute Fire Rating
- 16-Gauge Hollow Metal Masonry Frame
- 16-Gauge Hollow Metal Drywall Frame
- Threshold Options: No Threshold, Saddle Threshold, ADA Compliant Threshold
- All Glass Styles

**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
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
Aluminium Sahara Threshold

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

EDGE PREP
1 x 2¼” Rounded

WARRANTY
Non-residential Warranty

PAINT
One Color Both Sides

WINDOW TRIM
Standard (Where Applicable)

STRIKE LOCATION
34½”

LOCKSET & DEADBOLT PREP
2¼” 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 4½” 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 5½”†
• Frame Extensions from 4½” up to 12½”
• Custom Mullion Build-Up between door and sidelite†
† Requires cladding for the entire unit.

Full Wood Frame

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<tbody>
<tr>
<td>36” x 80” Single Door Width x Height</td>
<td>38” x 82”</td>
<td>38” x 82”</td>
<td>38” x 82”</td>
<td>38” x 82”</td>
</tr>
<tr>
<td>36” x 80” With One 12” Sidelite Combo Door Width x Height</td>
<td>51¼” x 82”</td>
<td>51¼” x 82”</td>
<td>51¼” x 82”</td>
<td>51¼” 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.
• ½" Stop Height
• Standard Frame is Cold-Rolled Steel per ASTM A36
• 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.

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<tbody>
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<td>32&quot; x 80&quot; 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&quot; x 80&quot; 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>

Standard sill - no notching required
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

<table>
<thead>
<tr>
<th>WIDTH</th>
<th>Nominal Door Width</th>
<th>Rough Opening Width</th>
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<tbody>
<tr>
<td>30&quot;</td>
<td>343⁄8&quot;</td>
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<tr>
<td>32&quot;</td>
<td>363⁄8&quot;</td>
<td></td>
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<tr>
<td>34&quot;</td>
<td>383⁄8&quot;</td>
<td></td>
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<tr>
<td>36&quot;</td>
<td>401⁄2&quot;</td>
<td></td>
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<tr>
<td>42&quot;</td>
<td>461⁄2&quot;</td>
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<tr>
<td>60&quot;</td>
<td>641⁄2&quot;</td>
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<td>64&quot;</td>
<td>681⁄4&quot;</td>
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<td>72&quot;</td>
<td>761⁄2&quot;</td>
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<th>Nominal Door Height</th>
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<td>80&quot;</td>
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<tr>
<td>96&quot;</td>
<td>861⁄4&quot;</td>
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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

5 1/4" Jamb Depth  4 3/4" 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

**FACE**
**RABBET**
**WALL**
**STUD**
**STOP**
**WEATHERSTRIP**
**FACE**

**WIDTH**

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<tr>
<th>Nominal Door Width</th>
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<tbody>
<tr>
<td>30”</td>
<td>31½”</td>
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<tr>
<td>32”</td>
<td>33½”</td>
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<tr>
<td>34”</td>
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<tr>
<td>36”</td>
<td>37½”</td>
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<tr>
<td>42”</td>
<td>43½”</td>
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<tr>
<td>60”</td>
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<tr>
<td>64”</td>
<td>66”</td>
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<tr>
<td>72”</td>
<td>74”</td>
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**HEIGHT**

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<tr>
<td>80”</td>
<td>80½”</td>
</tr>
<tr>
<td>84”</td>
<td>84½”</td>
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**FRENCH DOORS**
COMMERCIAL BYPASS ASTRAGAL
(Also available with 16-Gauge Masonry Frame)

5¾” Jamb Depth   4¾” 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

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<tr>
<td>32&quot;</td>
<td>36½&quot;</td>
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</tr>
<tr>
<td>34&quot;</td>
<td>38½&quot;</td>
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<tr>
<td>36&quot;</td>
<td>40½&quot;</td>
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<tr>
<td>38&quot;</td>
<td>42½&quot;</td>
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<tr>
<td>40&quot;</td>
<td>44½&quot;</td>
<td></td>
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<tr>
<td>42&quot;</td>
<td>46½&quot;</td>
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<tr>
<td>60&quot;</td>
<td>64½&quot;</td>
<td></td>
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<tr>
<td>64&quot;</td>
<td>68½&quot;</td>
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<tr>
<td>72&quot;</td>
<td>76½&quot;</td>
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<table>
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<tr>
<th>HEIGHT</th>
<th>Nominal Door Height</th>
<th>Rough Opening Height</th>
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<tbody>
<tr>
<td>80&quot;</td>
<td>82½&quot;</td>
<td></td>
</tr>
<tr>
<td>84&quot;</td>
<td>86½&quot;</td>
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<table>
<thead>
<tr>
<th>ANCHORS</th>
</tr>
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<tbody>
<tr>
<td>Masonry T Anchor</td>
</tr>
<tr>
<td>Wood or Metal</td>
</tr>
<tr>
<td>Stud Anchor</td>
</tr>
<tr>
<td>Existing</td>
</tr>
<tr>
<td>Opening Anchor</td>
</tr>
<tr>
<td>Dynabolt</td>
</tr>
</tbody>
</table>

5½" Jamb Depth  4½" Throat
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 2 1/4 T Strike Preps 5 1/2" Apart for Lockset and Deadbolt
- Pre-Finished to Match Door Slab (optional)
- Simple Labor Installation
- Kerfed Stop with Weatherstripping
- Saddle Threshold

<table>
<thead>
<tr>
<th>WIDTH</th>
<th>39&quot;</th>
<th>31 1/2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>32&quot;</td>
<td>33 1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>34&quot;</td>
<td>35 1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>36&quot;</td>
<td>37 1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>42&quot;</td>
<td>43 1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>48&quot;</td>
<td>62 1/4&quot;</td>
<td></td>
</tr>
<tr>
<td>64&quot;</td>
<td>66 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>72&quot;</td>
<td>74 1/4&quot;</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>80&quot;</th>
<th>80 3/4&quot;</th>
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</thead>
<tbody>
<tr>
<td>84&quot;</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
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FRENCH DOORS
STANDARD HEAVY DUTY ASTRAGAL

5 1/4" Jamb Depth  4 3/4" Throat
THRESHOLDS

NC INSWING THRESHOLD

Available Sizes: 6\(\frac{1}{16}\), 7\(\frac{1}{4}\), 8\(\frac{3}{16}\)

NC OUTSWING THRESHOLD

1.350

5.855
ADA APPROVED 4" SADDLE THRESHOLD

INSWING ADA COMPLIANT THRESHOLD
Available Sizes:
5\%", 6\%", 7\%"
Available in Aluminum (shown) or Bronze finish

OUTSWING ADA COMPLIANT THRESHOLD
Available Sizes:
5\%" and 7\%"
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>Steel Frame</th>
<th>18 &amp; 16-Gauge Steel Frame</th>
<th>Full Wood Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>NC Outswing 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&quot; Saddle Threshold</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Inswing ADA Compliant Threshold</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Outswing ADA Compliant Threshold</td>
<td>*</td>
<td>*</td>
<td>*</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>
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</table>

GLAZED FINISHES
FOR STANDARD DUTY FIBERGLASS

<table>
<thead>
<tr>
<th>Rustic Sage</th>
<th>Dutch Gray</th>
<th>Winter Rain</th>
<th>Harbor Mist</th>
<th>Natural Leather</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>Clay</th>
</tr>
</thead>
<tbody>
<tr>
<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>
<td>Coal Black</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>Clay</th>
<th>Geneva Blue</th>
</tr>
</thead>
<tbody>
<tr>
<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>
<td></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>

0 Smooth Sandstone cladding is a close match, but not an exact match to Sandstone paint color.
* Smooth Classic Bronze cladding does not match Rustic Bronze cladding color or Rustic Bronze paint color.
**To select color, refer to our color selector for accurate color representation.

TO ORDER CUSTOM PAINT COLORS*

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

— OR —

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

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

*Homeowner sign-off may be required on custom color match. Refer to entryLINK or contact customer service for details.
HARDWARE PREP
PRE-ASSEMBLED BY PROVIA
ALL SCHLAGE CLASSIC SERIES HARDWARE IS AVAILABLE IN THESE FINISHES

| Bright Brass | Antique Brass | Satin Nickel | Aged Bronze |

SCHLAGE CLASSIC DOOR LOCKSETS & DEADBOLTS

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Accent Keyed Lockset*</td>
<td>Georgian Key in Knob Lockset* (interior view showing turn lock)*</td>
<td>Latitude Lever with Collins Trim Keyed Lockset (only available in Satin Nickel finish)</td>
<td>Addison Trim (not available in Bright Brass)</td>
</tr>
<tr>
<td>Composite Lock Block Hardware Prep</td>
<td>Steel Hardware Prep</td>
<td>Maximum Security Double Key 1” Deadbolt*</td>
<td>Century Trim (only available in Satin Nickel and Aged Bronze finish)</td>
</tr>
<tr>
<td>Comes standard on Standard Duty and Light Duty doors</td>
<td>Optional on Standard Duty and Light Duty doors (Standard on Fire Rated)</td>
<td>Maximum Security Interior Only 1-Sided Thumbturn 1” Deadbolt 0 (Only available in 20-Gauge Steel or Fiberglass with Full Wood Frame)</td>
<td>Maximum Security Thumbturn 1” Deadbolt*</td>
</tr>
</tbody>
</table>

Standard Duty Standard Hardware Prep height is 42” from the floor. Light Duty Standard Hardware Prep height is 34⅝” from the floor.

Panic Hardware Standard Prep height is 40⅜” (New Construction Thresholds) to 40⅝” (ADA Compliant Thresholds) from the floor.

Panic bar height may be lowered to 33⅛” - 34⅝” (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

Edge Prep
- Comes standard on Standard Duty and Light Duty doors

Steel Hardware Prep
- Optional on Standard Duty and Light Duty doors (Standard on Fire Rated)

Composite Lock Block Hardware Prep
- Comes standard on Standard Duty and Light Duty doors

Schlage hardware prep is circular with standard edge prep. (edge prep is 1” wide).

Commercial prep for Stanley hardware is notched at top and bottom for screws. (Edge prep is 1⅛” wide.)

Schlage hardware prep is circular with standard edge prep. (edge prep is 1” wide)
**STANLEY®**

**100 SERIES HEAVY DUTY**

**GRADE 1 LEVER LOCKS AND DEADBOLTS**

**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

---

**SUMMIT*”

* 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)

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

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

PRODUCT SPECIFICATIONS
- Door Thickness - 1 3/8” 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 - ¾ 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.
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.

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

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

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

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

STANLEY® CLOSER

QDC311
TRI-PACK ARM

QDC312
HOLD-OPEN ARM

Available finishes

689 Aluminum Painted

695 Bronze Painted

NORTON® CLOSER

Available finishes

689 Aluminum

690 Bronze

696 Gold

PERFORMANCE FEATURES

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

CERTIFICATIONS

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

PRODUCT SPECIFICATIONS

- 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

Doors Weights & Sizes

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

PUSH / PULL PLATES

PUSH/PULL BAR*

*Special Order
**ELECTRONIC STRIKE PLATE**
(For Panic Rim Applications)

**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)

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

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

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

---

**LATCH PROTECTORS**

**KICKDOWN**

*Special Order*
For 430 doors, it is recommended that panic bar and hardware be configured at a lower height to not interfere with window viewing area.
STD. HEAVY-DUTY T-ASTRAGAL - 1 DOOR ACTIVE, 1 INACTIVE

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
Vinyl Windows

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

### Test Results

<table>
<thead>
<tr>
<th>Test</th>
<th>Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Air</strong></td>
<td>ASTM E 283</td>
<td>0.13 cfm/ft² @ 25 mph</td>
</tr>
<tr>
<td><strong>Water</strong></td>
<td>ASTM E 547</td>
<td>5.43 psf</td>
</tr>
<tr>
<td><strong>Structural</strong></td>
<td>AAMA/WDMA/CSA 101/1.5.2/A440-8 and 11</td>
<td>R-PG35 118 mph R-PG50 142 mph*</td>
</tr>
</tbody>
</table>

### Double Hung 40” x 63”
- 3¼” frame depth
- SunShield® Vinyl
- 3⁄4” Insulated glass with Intercept® Blackline Spacer
- Welded frame and sash construction
- Quick Tilt® balance system for ease of operation
- Exterior glazing
- Extruded sloped sill
- Dual weatherstripping
- Vent stops allow for worry-free operation while withstanding impact
- Roll formed aluminum half screen frame with BetterVue® fiberglass mesh

### Single Hung 40” x 66”
- 3¼” frame depth
- SunShield® Vinyl
- 3⁄4” Insulated glass with Intercept® Blackline Spacer
- Welded frame and sash construction
- Quick Tilt® balance system for ease of operation
- Exterior glazing
- Extruded sloped sill
- Dual weatherstripping
- Vent stops allow for worry-free operation while withstanding impact
- Roll formed aluminum half screen frame with BetterVue® fiberglass mesh

**Colors**

- Exterior: White, Beige, Classic Bronze
- Interior: White, Beige, Bronze

*R Requires aluminum reinforcement and sill angle

**Mulling Option Available**
Factory mullied upon request.
### 2 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

#### 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>

### CASEMENT

- **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

#### Casement 24” x 60”

<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>11.28 psf</td>
</tr>
<tr>
<td>Structural</td>
<td>AAMA/WDMA/CSA 101/1.5.2/A440-8 and 11</td>
<td>R-PG60 155 mph</td>
</tr>
</tbody>
</table>

### PICTURE

- **3¼” frame depth**
- SunShield® Vinyl
- ¾” Insulated glass with Intercept® Blackline spacer
- Welded frame with 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>12.11 psf</td>
</tr>
<tr>
<td>Structural</td>
<td>AAMA/WDMA/CSA 101/1.5.2/A440-8 and 11</td>
<td>FW-R65 161 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
- Quick-release dual-arm operator
- 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-PG35 148 mph</td>
</tr>
</tbody>
</table>

### HOPPER

#### 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-PG35 148 mph</td>
</tr>
</tbody>
</table>
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.

INTERCEPT® BLACKLINE LOW-E

R-VALUE OF 4

Clear Glass

High Performance Low-E

Argon Gas

BlackLine Spacer

• 3/8" 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.

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
- Mortise Locking Handle

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

<table>
<thead>
<tr>
<th>Test</th>
<th>Test Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air</td>
<td>AAMA/WDMA/CSA 101/1.5.2/A440-08 par. 5.3.2.2 &amp; ASTM-E283-04</td>
<td>0.04 cfm/ft²</td>
</tr>
<tr>
<td>Water</td>
<td>AAMA/WDMA/CSA 101/1.5.2/A440-08 par. 5.3.3.2 &amp; ASTM-E547-09 (2009)</td>
<td>9.00 psf</td>
</tr>
<tr>
<td>Structural</td>
<td>AAMA/WDMA/CSA 101/1.5.2/A440-08 par. 5.3.4.3 &amp; ASTM-E330-00 (2010)</td>
<td>R-PG55 148mph</td>
</tr>
</tbody>
</table>

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

Galvanized steel reinforced panels ensure rigidity and stable operation.

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

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

CONFIGURATIONS

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

COLORS

Patio doors are available in White, Beige or Sandstone.

Available Hardware Finishes

Bright Brass Exterior  Satin Nickel Exterior  *Flat Bronze Exterior

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

## SECURITY SCREENS

### STYLES

<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></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. The sculptured frame adds durability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 1/4&quot; x 3 5/8&quot;</td>
<td></td>
<td></td>
<td></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

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

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

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

#423 EXTERIOR THREE-LITE SLIDER
(Also available in #422 two-lite slider)
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 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 ¼” daylight opening size is standard. Other sizes available upon request.
5-YEAR LIMITED WARRANTY

BASIC DOOR & SIDELITE - 5-YEAR
The Fiberglass, 28-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) inlining 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 outswinging frame, this time period will be limited to ninety (90) days from date of installation. The Sahara™ threshold system, bottom sweep, hinges, weatherstripping, PVC vinyl coated aluminum frame cladding, InVent™ Retractable Screen System 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 paint, (ii) any storm door, (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). 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.

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.

STANLEY® COMMERCIAL HARDWARE - LIFETIME / 3 YEAR / 1 YEAR
Stanley® Security Solutions, Inc. products (QCL 100 Series Heavy-Duty Cylindrical Locks, QDB 100 Series Heavy-Duty Deadbolts, QDC 300 Standard Duty Door Closers are warranted against defects in material and workmanship for a limited lifetime for a period of the useful life of the building in which the products are originally installed. Finishes shall be warranted for three (3) years excluding US10B/613 Oil Rubbed Bronze finish.

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, 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 defects in material and workmanship for a period of one (1) year from date of installation. This includes doors that are installed behind a storm door.
“To serve, by caring for details in ways others won’t.” It’s not just our mission, but a way of letting our light shine every day at ProVia®. We continually strive to put these words into action by providing unmatched quality and service. The P-icon symbolizes each employee’s commitment to devoting the utmost care, pride and quality into each building product we manufacture…it’s The Professional Way.

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