

New!

Impact Resistant Doors

High Impact Resistant Rated Exterior Doors from Upstate Door



Now our Distinctive Exterior Door Solutions are available to meet your building code requirements for home safety and property protection.

We are currently manufacturing Inswing Exterior Doors and will have the Outswing Doors available shortly.

Our Impact Resistant Rated Exterior Doors meet the following specification:

- ◆ Approved up to wind zone 3 (up to 120 mph winds)
- ◆ Design Pressure Rating +/- 50 or +/- 75
- ◆ Missile Level D
- ◆ Impact Glass
- ◆ Certified by Keystone Certification for Structural Performance

Visit our exterior gallery on our web site or the exterior door section of our catalog for just some of the Upstate Door Impact Resistant Rated Door options.

Call or Email our Custom Door Experts to assist you.



TECHNICAL SPECIFICATIONS

Impact Resistant Doors

Approved up to Wind Zone 3 ♦ DP Rating +/- 50 or +/- 75

	50 DP Rating	75 DP Rating
Layouts	Single Door Single Door w Sidelites Double Door Double Door w/ 1 Sidelite	Single Door Single Door w Sidelites
Max. Sizes		
Overall Unit	9' 4 1/2" x 8' 2 1/2"	8' 5 1/2" x 8' 2 1/2"
Door	3' 0" x 8' 0"	3' 6" x 8' 0"
Sidelite	3' 0" x 8' 0"	2' 0" x 8' 0"
Mull Pockets	NA	3 1/2" max.
Sills	2 1/4" Mahogany sill 1 5/8" Schlegel Hydro sill	2 1/4" Mahogany sill 1 3/4" Mahogany sill

WOOD SPECIES

- Genuine Mahogany
- African Mahogany
- Spanish Cedar
- White Oak
- Douglas Fir

DOOR

- Inswings only
- Everything must be 2 1/4"
- Stile width: 4" min.
- Top Rail: 4" min.
- Bottom Rail: 7" min.
- Center Rail/Stile limitations: None
- Single Units: G-U 5-point hardware
- Double Units: G-U 5-point (active door) & G-U 3-point (inactive door), with a 1" T-astragal
- 3/4" Insulated impact glass made up of 3/16" clear tempered one side and 5/16" Lami with .090 interlayer
- Cope depth: 5/8" min.
- Optional: Secondary weather stripping at bottom of door only or full door circumference

FRAME

- Jamb
 - ▶ 1 1/4" thick rabbetted jamb
 - ▶ Jamb width: 6 9/16"
- 2 1/4" Mahogany sill option
 - ▶ Sill has Q-lon in it.
 - ▶ Kerf with weep holes
 - ▶ Under door, sill is beveled toward kerf
 - ▶ Top of sill is beveled toward exterior
 - ▶ Front sill add on of 1/2" x 1 3/4" under sill

FRAME *Continued*

- Schlegel Hydro sill 5000 option
 - ▶ 4 9/16" sill with 3" extension to 7 9/16"
 - ▶ 1 5/8" tall at highest point
 - ▶ 1 1/8" tall on inside of sill
 - ▶ Weather stripping in sill
 - ▶ Channel for water to go into
 - ▶ Sponge in channel for water
 - ▶ Weep holes in front of sill
 - ▶ Weep holes in front of extension or we can drill them in the bottom
(if weep holes in bottom, they must be specified)
 - ▶ White Oak strip on inside of sill
- 1 3/4" Mahogany sill option

IMPACT SIDELITES

- Stile width: 1 1/2" min.
- Top Rail width: 4" min.
- Bottom Rail width: 7" min.

IMPACT TRANSOMS *(50 DP rating only)*

- Over-all unit size: 9' 4 1/2" x 3' 1/2" max.
- All units 2 1/4" thick
- Stile & Rail Flats: 1 1/2" min.

OTHER CONSIDERATIONS

- Arch-Top, Round-Top and Elliptical Tops are available
- Unit Exclusions
 - ▶ Leaded Glass
 - ▶ Single Glaze

UPSTATE  DOOR
Distinctive Door Solutions