

# Traffic & Impact Doors



**PHOENIX**  
DOOR SYSTEMS

With over 150 years of combined industry experience, the team at Phoenix Door Systems is building a better company – a company that is easy to do business with... a company focused on you.

We manufacture a full line of Traffic and Impact doors, as well as door frames. From lightweight to heavy duty, our doors meet the needs and specifications of virtually every environment.

## The Flagship

### Phoenix Series



#### Phoenix RD – Durable Insulated Impact Door

- ✓ **Window:** 16" x 16" unitized cartridge w/ dual pane clear polycarbonate
- ✓ **Hinge:** Top composite v-cam w/ sealed roller bearing, lower 12" composite jamb guard
- ✓ **Bumper:** 3" projection polyethylene teardrop

#### Phoenix HD – Heavy Duty Insulated Impact Door

- ✓ **Window:** 20" x 22" unitized cartridge w/ dual pane clear polycarbonate
- ✓ **Hinge:** Top steel v-cam w/ sealed roller bearing, lower 9" aluminum jamb guard
- ✓ **Bumper:** 4" projection polyethylene teardrop

#### Phoenix Series Details

- ✓ **Construction:** Polyiso foam core w/ bonded composite frame, ABS face sheets permanently fused to internal frame, 1<sup>3</sup>/<sub>4</sub>" overall thickness
- ✓ **Options:** Various window sizes, kick plates and teardrop bumpers  
A lower hinge spring assist tensioner is also available on Phoenix HD

The Phoenix Series insulated impact doors are constructed with a **patent pending** frame design providing unmatched strength and stability. This composite internal structure combined with a full length spine allows for incomparable long-term performance in many demanding environments.



## Falcon Series



### Falcon AL – Lightweight Aluminum

- ✓ **Construction:** Tempered aluminum alloy with a reinforced back spine, diamond formed leading edge, and a clear anodized finish



### Falcon CL – Compact Laminate

- ✓ **Construction:** Solid sheet of 1/4" high-pressure composite laminate material with a reinforced back spine, and a hinge side stainless steel edge cap



### Falcon Series Details

- ✓ **Window:** 9" x 14" clear acrylic, set in black rubber self-locking molding
- ✓ **Hinge:** Stainless steel, smooth swing double-acting top hinge with bottom L-bracket
- ✓ **Options:** Various window sizes, stainless steel or ABS kick plates, lower jamb guard

## Hawk Series

### Hawk HC – Honeycomb Core ABS Traffic Door

- ✓ **Construction:** Honeycomb polymer core surrounded by a PVC frame, bonded with textured ABS face sheets, and protected by a hinge side stainless steel edge cap, 3/4" overall thickness
- ✓ **Window:** 14" x 16" clear acrylic, set in black rubber self-locking molding



### Hawk Solid Core – Metal or Laminate Clad Traffic Door

- ✓ **Construction:** 3/4" composite wood core clad with High Pressure Laminate (HPL), Aluminum (AC) or Stainless Steel (SS), and full perimeter stainless steel edge cap
- ✓ **Window:** 9" x 14" clear acrylic, set in black rubber self-locking molding



**Hawk HPL**



**Hawk AC**  
w/ 48" stainless steel kick plates



**Hawk SS**

### Hawk Series Details

- ✓ **Hinge:** Stainless steel, smooth swing double-acting top hinge with bottom L-bracket
- ✓ **Options:** Various window sizes, kick plates, teardrop bumpers, and lower jamb guard  
A perimeter gasket is also available on Hawk solid core doors

## Eagle Series



### Eagle VC – Medium Duty Impact Door

- ✓ **Construction:** Wood core w/ interlocking composite edges, ABS face sheets chemically bonded to core edges, full length spine, 1½” overall thickness
- ✓ **Window:** 16” x 16” ABS frame w/ clear polycarbonate
- ✓ **Hinge:** Top steel v-cam w/ sealed roller bearing, lower 9” aluminum jamb guard
- ✓ **Options:** Various window sizes, kick plates, teardrop bumpers, and lower hinge spring assist tensioner



## Condor Series



### Condor LD – Light Duty Flexible Impact Door

- ✓ **Construction:** Abrasion-resistant vinyl coated nylon, top & bottom wiper gaskets, standard 12” impact plate, 3” center overlap
- ✓ **Window:** 15” x 14” clear polycarbonate



Condor LD

### Condor MV – Max View Flexible Impact Door

- ✓ **Construction:** Internal PVC surrounded by vinyl outer layers on both sides, top & bottom wiper gaskets, jamb edge balloon seal, 3” center overlap
- ✓ **Window:** Extra large clear PVC for maximum visibility and safety



Condor MV

### Condor HD – Heavy Duty Flexible Impact Door

- ✓ **Construction:** Two layers of food grade, scrim reinforced vinyl belting material bonded together, top & bottom wiper gaskets, jamb edge balloon seal, 3” center overlap
- ✓ **Window:** 15” x 14” clear PVC



Condor HD

### Condor Series Details

- ✓ **Hinge:** Top mounted gravity hinge allows door to open fully and close automatically
- ✓ **Options:** Various window sizes, impact plates, hinge attachment brackets and valances

Offering subject to change.