

# IMPACDOR®

## FS-250



**The Aleco ImpacDor® FS-250** is a lightweight, durable and economical 1/4" (6mm) ABS door with reinforced spine that provides exceptional strength and longevity.

The Aleco ImpacDor® FS-250 is a double-acting door designed for food service, retail and light industrial applications where an attractive, durable and affordable traffic door is needed. The solid ABS door-body is impenetrable to moisture, food stains and common chemicals. Drips, spills and smears simply wipe off, leaving a clean surface.

### Unique design eliminates chipping and peeling

The Aleco ImpacDor® FS-250 is a one-piece solid-core door without gasketing. The flexibility of the door allows it to function well even in high cart and personnel traffic areas. The facing will not chip, peel or corrode, even with repeated impact by carts, hand truck and pallets. The color of the door is consistent throughout the material for an attractive long-lasting appearance.

### The FS-250 opens quick and easily with EZ hinge hardware

With the EZ hinge system, the FS-250 operates smoothly and quietly, and includes 8-3/4" high jamb guards. Easy-to-open doors will translate to longer lasting doors and safer personnel and product passage. FS-250 doors open 125 degrees in each direction to accommodate the natural flow of traffic.



### Custom made to exact size

All Aleco doors are made to exact size specifications to fit existing door openings. For consistent performance, sizes are customized to 1/8" on every FS-250 door to fit perfectly.

### Available Options:

- Choice of decorative colors: Cloud Gray, Charcoal Gray, Black, Cadet Blue, Cocoa, Chocolate, Beige, Red, Burgundy, White, Royal Blue, Green
- ABS & stainless steel pad style impact wear panels any height up to 48"
- Vision panels in various sizes and styles

**Food Service**

**Restaurants**

**Retail Stores**

**Commercial Applications**

**Light Industrial**

### Features:

- Rugged 1/4" (6mm) ABS construction with reinforced spine
- Stainless steel mounting hardware
- Easy installation
- Light, responsive swing action accommodates personnel, carts and racks up to moderate pallet jack traffic

**ALECO®**  
E·S·ROBBINS

2720 East Avalon Avenue  
Muscle Shoals, AL 35661

Toll Free Phone: 1-800-633-3120

Toll Free Fax 1-800-750-9616

[www.aleco.com](http://www.aleco.com)

# IMPACDOR®

## FS-500

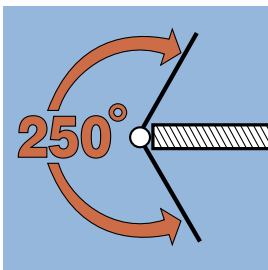


The Aleco ImpactDor® FS-500 is versatile 3/4" (19mm) door with wood core and durable laminates to match a wide range of restaurant and retail decor.

The Aleco ImpactDor® FS-500 is the perfect solution for demanding food service, retail and light industrial applications seeking to provide a visual barrier or a damper to air currents in busy doorways. Colorful 1/8" (3mm) ABS facings are bonded to a 1/2" (13mm) solid core to resist palletized loads, yet remain light enough to swing freely in high volume foot traffic. This versatile, attractive door is supported by the easily installed EZ hinge system for two-way 125 degree swing. The hinge's unique "offset pivot" ensures smooth, effortless operation to facilitate traffic flow.



Shown with optional jamb guards



EZ hinge system

### Available Options:

- 8-3/4" high stainless steel jamb guards
- ABS, Vinyl & Stainless Steel Impact panels any height up to 48"
- Choice of decorative colors: Cloud Gray, Charcoal Gray, Black, Cadet Blue, Cocoa, Chocolate, Beige, Red, Burgundy, White, Royal Blue, Green
- Facings such as Anodized Aluminum, Stainless Steel and High Pressure Laminates (Formica®, Wilson Art®, or Nevamar®)

### Food Service

### Restaurants

### Retail Stores

### Light Industrial

### Features:

- Rigid solid core with reinforced metal spine
- EZ hinge installs and operates effortlessly
- Attractive design and a wide selection of facings suit restaurant and retail settings
- Stainless steel upper and lower hinges
- 11-1/2" x 15-1/2" dual pane windows standard

**ALECO**<sup>®</sup>  
E·S·ROBBINS

2720 East Avalon Avenue  
Muscle Shoals, AL 35661

Toll Free Phone: 1-800-633-3120

Toll Free Fax 1-800-750-9616

[www.aleco.com](http://www.aleco.com)

# IMPACDOR®

## FD-175



**The Aleco ImpacDor® FD-175** is a semi-flexible, full thickness door with a rubber sub-frame and full height mount assembly for the toughest industrial, commercial and retail use.

The Aleco ImpacDor® FD-175 is a highly versatile door designed for industrial, commercial and food processing applications where an attractive, durable and affordable traffic door is needed. Fully insulated and gasketed, it is an excellent door for temperature control in industrial, commercial, retail and food processing facilities. All materials meet USDA guidelines, making the FD-175 a good choice for meat packing plants as well. Built-in durability features make the Aleco FD-175 resistant to impact abuse by carts, pallets, hand trucks and light fork lift traffic.



### Engineered to be durable, shock-absorbing and maintenance-free

The Aleco ImpacDor® FD-175 rubber honey-comb framework and flexible urethane foam insulation allow it to absorb impacts from commercial and light industrial traffic. The V-cam hinge is constructed of corrosion-resistant high strength meehanite and uses a sealed roller bearing that requires no lubrication.

The rugged ABS facing is available in a variety of colors and won't chip, dent, peel, pit or corrode. This proven construction withstands abuse and provides years of dependable operation

and attractive appearance with minimal maintenance.

### Custom made to exact size

All Aleco ImpacDor® FD-175 doors are custom made to suit your application within 1/8" of opening size up to 8' wide and 10' high. Transoms or dutch doors are suggested for openings higher than ten feet.

### Available Options:

- Molded spring bumpers from 12" to 48" tall
- ABS Impact panels up to 48" tall
- Choice of colors: Cloud Gray, Charcoal Gray, Black, Cadet Blue, Cocoa, Chocolate, Beige, Red, Burgundy, White, Royal Blue, Green

## Industrial Plants

## Food Processing Plants

## Pharmaceutical and Medical Facilities

## Retail Stores

### Features:

- Full thickness 1-3/4" (44mm) insulated construction
- Rubber sub-frame and flexible foam construction
- Durable, attractive ABS facings in many colors
- Full height mount assemblies
- Dual pane polycarbonate vision panels (single pane vision panels available for wash down)
- Full perimeter seals including leading edge
- Meets USDA guidelines
- Sealed bearing corrosion resistant V-cam hardware with 1-1/2" rise cam

**ALECO®**  
E.S. ROBBINS

2720 East Avalon Avenue  
Muscle Shoals, AL 35661

Toll Free Phone: 1-800-633-3120

Toll Free Fax 1-800-750-9616

[www.aleco.com](http://www.aleco.com)

# IMPACDOR®

## RD-175



**The Aleco ImpactDor® RD-175** is a durable, lightweight, attractive door with stainless steel hardware, insulated panel and full perimeter seal ideal for rack, push cart and pallet jack traffic.

The Aleco ImpactDor® RD-175 is designed for effortless swing using the EZ Hinge stainless steel upper hinge and 8-3/4" h stainless steel lower jamb guard. The Aleco RD-175 is constructed from rigid PVC sub-frames ultrasonically welded to the 1/8" thick ABS facings available in 12 colors. The internal closed cell foam insulation provides an R-value of 13. The Aleco RD-175 is constructed without wood, glue or rivets and is ideal for wash down applications when ordered with the single pane window option.



### The perfect retail door

The Aleco RD-175 is ideal for food service, food processing, retail, supermarket and light industrial applications. The total panel thickness is 1-3/4" and is custom constructed to your requirements +/- 1/8" of actual net opening width and height. The RD-175 provides smooth, quiet and easy double-action opening up to 125 degrees in either direction so the door swings out of traffic's way without over extending the hinge.

### Available Options:

- Molded polyethylene bumpers from 12" to 48" tall
- Impact panels up to 48" tall
- 3/4" rise V-cam hardware
- Choice of colors:  
Cloud Gray, Charcoal Gray, Black, Cadet Blue, Cocoa, Chocolate, Beige, Red, Burgundy, White, Royal Blue, Green

### Superior perimeter seal design for a superior seal

The Aleco RD-175 features a fully replaceable perimeter seal including the leading edge of each panel. Leading edge seals are extruded from USDA and FDA accepted Neoprene material. Ideal for any application where a durable, tight sealing, insulated, energy saving door is desired.

### Dual pane windows

The Aleco RD-175 windows feature sealed dual pane construction for superior insulation qualities. Windowpanes are 1/8" clear polycarbonate mounted in ABS frames for long-term durability.

**Food Processing Plants**

**Food Service**

**Retail Stores**

**Pharmaceutical and Medical Facilities**

**Light Industrial**

### Features:

- Lightweight, insulated full thickness 1-3/4" (44mm) door
- Internal extruded PVC framework uses no wood
- Ultrasonically welded ABS facings-no adhesive, screws or rivets
- Closed cell foam insulation
- EZ hinge hardware provides 125 degree swing in both directions
- Stainless Steel EZ hinge with stainless steel jamb guards
- Easy installation
- Low maintenance
- Dual pane thermal windows with single pane available for wash down applications

**ALECO®**  
E.S. ROBBINS

2720 East Avalon Avenue  
Muscle Shoals, AL 35661

Toll Free Phone: 1-800-633-3120  
Toll Free Fax 1-800-750-9616

# IMPACDOR®

## HD-175

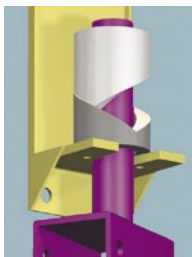


The Aleco ImpacDor® HD-175 is a rugged multi-use single piece polyethylene molded door body with corrosion resistant hinges and stainless steel mounting hardware for high performance and low maintenance.

The Aleco ImpacDor® HD-175 attractive, rotationally molded polyethylene panels and corrosion-resistant hardware ensure minimal upkeep and maximum performance. Monolithic door panels resist moisture, chemicals, dust, bending and torque. The HD-175 features a 50% greater shell thickness than competitive models. The shell thickens towards the spine and leading edges to maintain strength and resist fatigue from cart or lift truck impacts. A steel tube strengthens and stabilizes the spine edge, plus the entire door is injected with urethane foam to add rigidity and dampen noise.

### Unique 250 degree hinge

The RD-175 low-wear helical hinge provides a simple, easily maintained gravity hinge design. Its precision aluminum follower travels smoothly over a wide bearing area to evenly distribute load while significantly reducing wear without problematic roller bearings. Hinge and supporting hardware are all corrosion-resistant materials.



### Available Options:

- Jamb guard or combination
- Single pane 1/8" polycarbonate windows for washdown
- Molded polyethylene bumpers from 12" to 48" tall
- Choice of colors: Cloud Gray, Charcoal Gray, Black, Chocolate, Beige, Red, White, Royal Blue



**Industrial Plants**

**Food Processing Plants**

**Pharmaceutical and Medical Facilities**

**Retail Stores, Supermarkets and Walk-In Coolers**

### Features:

- 1-3/4" (44mm) insulated door panels act as effective sound and thermal barriers
- One-piece molded polyethylene shell resists penetration by moisture, dust and chemicals
- 50% more shell thickness at impact areas than comparable doors
- Unique corrosion resistant helix hinge allows for up to 125 degrees swing in both directions
- Stainless steel mounting hardware
- Industrial grade steel bracing the length of the door's spine

**ALECO®**  
E.S. ROBBINS

2720 East Avalon Avenue  
Muscle Shoals, AL 35661

Toll Free Phone: 1-800-633-3120

Toll Free Fax 1-800-750-9616

[www.aleco.com](http://www.aleco.com)