

The Next Step in Traffic Door Technology!

Durulite® Evolution XLD360

The Durulite Evolution XLD360 represents the next generation of traffic doors by unveiling a whole new concept in the mechanics of double-acting doors with a hinging system that provides a full 360° of swing. The Durulite Evolution XLD360 swings wider, opens easier, closes faster, seals better, is safer to use than any other traffic door on the market.



Door Panel – Lightweight door panel is easy to open, operates smoothly and allows for safe passage of personnel and equipment. 1.75" thick roto-molded, durable polyethylene plastic panel is completely filled with non-cfc urethane foam.

Window – A 10" x 30" ADA and OSHA compliant 2 piece injection molded window frame with double pane polycarbonate window is standard. The window frame has a 45° bevel from window to door surface with recessed screws on one side of the frame for easy cleaning and resistance to particle buildup.

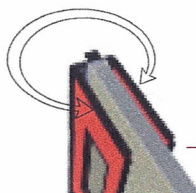
Seals Better – Provides superior thermal control because there are no hinge and jamb guard cut-outs. Fully gasketed and partially gasketed versions are available.

Jamb Guard – Low profile 8" high cast metal jamb guard comes standard and only projects 2.75" maximizing useable opening width so larger loads can pass through the opening unobstructed.

Shown with optional SlideTrac bumpers

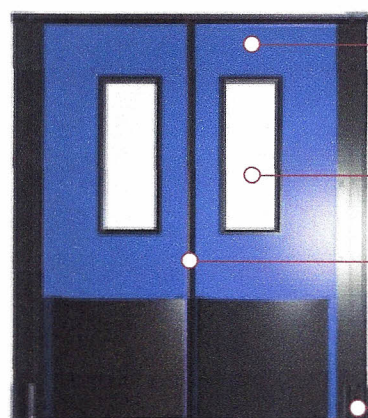


Unique Double Hinging System – The full length back spine contains the in-line cam, coil spring gravity assist hinge system which allows the door to open easier, close faster, and center in its closed position more quickly. Its unique swing dampening effect slows the panel as it reaches its full opening potential reducing the chance of "panel wrapping" and prevents "bounce back" that can injure personnel and damage goods and equipment.



Hinge Swing – The unique hinging system of the XLD360 provides a full 360 degrees (180 degrees x 2 from the center or closed position) of swing, allowing complete freedom of movement through an opening in any direction. Unlimited swing maximizes a clear usable opening and allows for a sharp turn immediately after going through the opening. Without bumpers, it can lay flat up to the wall on either side, up to an 8" jamb.

Durulite® Evolution XLS270



Door Panel – Lightweight door panel is easy to open, operates smoothly and allows for safe passage of personnel and equipment. The overall panel thickness is 1.75" thick and is constructed with durable roto-molded polyethylene plastic panel and non-cfc urethane foam core.

Window – Windows are ADA and OSHA compliant 10" x 30", two piece injected molded, low profile frames with double vision pane 1/8" thick polycarbonate.

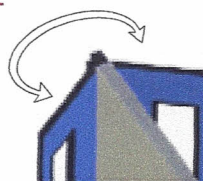
Seals Better – Provides superior thermal control because there are no hinge and jamb guard cut-outs. Fully gasketed and partially gasketed versions are available.

Jamb Guard – Low profile 8" high cast metal jamb guard comes standard and only projects 3.5" maximizing useable opening width so larger loads can pass through the opening unobstructed.

Shown with optional SlideTrac bumpers



Easy to push open and quicker to close! – The full length back spine contains the in-line cam, coil spring gravity assist hinge system that assures faster closing, quicker settling time with less "back and forth" over swing as the door finds its closed position. It also holds the door closed where a "wind" will keep the door hanging open in negative and positive air pressure environments.

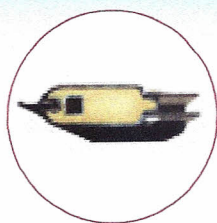


Hinge Swing – The extra wide XLS270 swings 270 degrees (135° x 2 from the center or closed position) on a 3" jamb to give a full clear opening when bumpers are used. The extra wide swing maximizes a clear usable opening which allows for "vectoring" or beginning a turn immediately after going through the opening and insures that the bumpers do not block the opening. Lower metal cam and self-lubricating UHMW polyethylene cam and upper hinge bearing components are pre-lubricated and do not require regular maintenance for normal use.

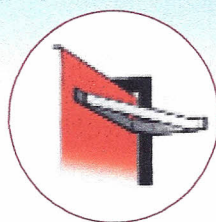
See page 7 for colors and options

Product Options

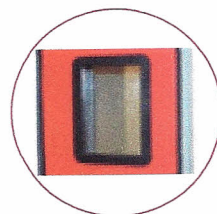
Durulite® Options



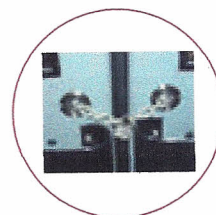
Durulite Industrial & Standard Double-pane windows – for use when temperature differential between rooms exceeds 30°F.



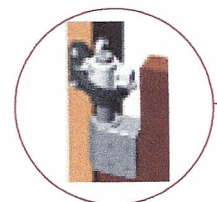
Wall mounted door stops



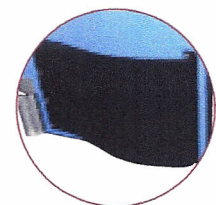
Durulite Retailer Double-pane window – for use when temperature differential between rooms exceeds 30°F.



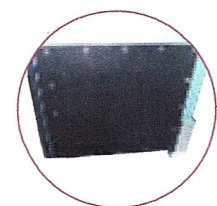
Double locking device (lock not included)



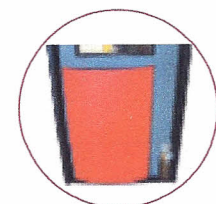
180° x 90° door hinge system – for use when vehicles must make extremely tight turns after passing through the door. The system includes the door hinges, a spring assist, and a lower hinge guard.



Rotationally molded cross-linked polyethylene **Tear Drop Bumpers** with 3" or 4" projection in heights of 12", 18", 24", 36", 38" and 42" in various colors.



Surface mounted kickplates of high impact polyethylene or stainless steel.



Roto-molded polyethylene "D" shape **Universal SlideTrac Bumper™** has a 4-1/2" projection and a slide lock rail system allowing for easy bumper replacement. Available in the colors shown below.

Window Viewing Area

Each window is 1/8" polycarbonate set in a black frame. All view windows are factory installed and sealed. The exposed surface of the window is recessed a minimum of 1/8" from the face of the door to protect the surface from abrasion caused by passing loads. The viewing area exceeds the 200 sq. in. UBC requirements. ADA sizes are available.

Window sizes are as follows for Durulite Industrial & Standard:

24" and 27" panel	10 1/2" x 22 1/2"
30" panel	14 1/2" x 22 1/2"
32" panel	16 1/2" x 22 1/2"
34" panel	18 1/2" x 22 1/2"
36", 39 1/2", 42", 48" panel	20 1/2" x 22 1/2"
54" and 60" panel	22 1/2" x 22 1/2"

Window sizes are as follows for Durulite Retailer:

24", 27" and 30" panel	12" x 18" and 12" x 30"
32" and 34" panel	12" x 18", 16" x 16", 12" x 30", and 16" x 30"
36", 42" and 48" panel	12" x 18", 16" x 16", 17" x 23", 12" x 30", 16" x 30" and 20" x 30"

A 12" x 18" window is standard for panels 24" and 30" wide.
A 16" x 16" window is standard for panel 32", 34", 36" 42" and 48" wide.

Additional Product Options

- Hold open device
- Limiting posts
- Push plates and pull handles
- Lower hinge guards
- Flexible top seals for partially gasketed doors
- Spring assisted hinges

Colors Available for Durulite Doors



Forest Green



Jade



Cadet Blue



White



Metallic Gray



Cloud Gray



Chocolate Brown



Red



Med. Brown



Royal Blue



Navy



Black



Beige



Burgundy

Color shown may differ slightly from actual color. Consult factory for exact color match.