

Retailer R25™

The EISA Solution!

The Retailer R25 Insulated Impact Traffic Door is your solution to meeting the requirements of the 2007 Energy Independence and Security Act (EISA). The R25 utilizes time proven rotational molding technology and urethane foamed-in-place insulation to meet the insulation requirements set forth in the EISA Energy Bill.

Advantages

Monolithic Construction

Rotationally molded panel design offers exceptional durability in a traffic door along with lightweight construction. Door panels are impervious to moisture penetration or panel separation.

Impact Resistance

Standard tests for impact resistance indicate that cross-linked polyethylene is 5 times more puncture resistant and 3 times more flexible than ABS material used by competitors.

Non-CFC Urethane Core

Foamed-in-place urethane insulation provides 30% to 40% greater insulation than styrene insulation. Panel durability is also much greater than doors that are glued and riveted together.

Self Closing Door System

The Retailer R25 offers comparable insulation to latching cold storage doors, while reducing air infiltration. The door allows unimpeded passage, and closes immediately once the load is through the opening. Traffic doors also enhance productivity, offering additional cost savings over traditional cold storage doors.

Door Construction

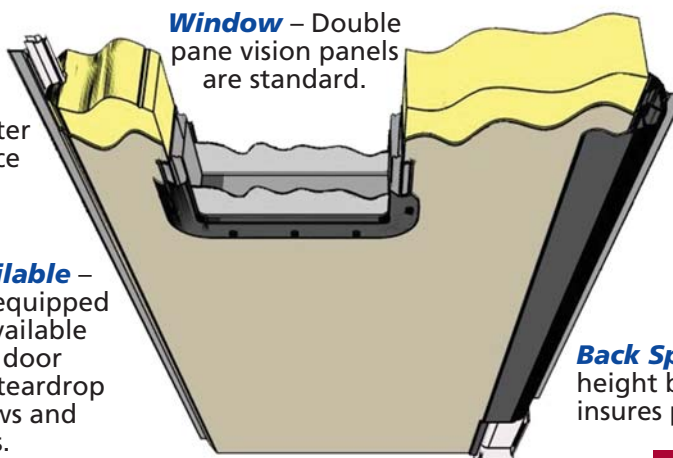
Door Panel – Constructed with an 1/8" thick outer shell of high-density cross-linked polyethylene and a Non-CFC urethane foam core. The panel can retain its properties to -40°F. The overall thickness of the panel is 3-3/4", making it lightweight and easy to open.

Insulated Core – Non-CFC urethane core is foamed-in-place to insure a tenacious bond between the core and outer skin, providing excellent thermal separation with an R factor of 25.



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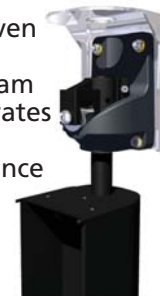
Gasketing – Replaceable perimeter edge gasketing is provided on the perimeter of the door panel to reduce air infiltration.



Window – Double pane vision panels are standard.

Standard Options Available – The Retailer R25 can be equipped with all of the options available on our standard Retailer door including impact plates, teardrop bumpers, custom windows and special hardware options.

Hinge – Time proven Durulite Retailer double acting V-Cam hinge system operates smoothly and is virtually maintenance free with its permanently lubricated needle bearing roller assembly.



Back Spine – Full height back spine insures panel rigidity.

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Product Details - Specification, drawing and available colors

PART 1 - GENERAL

1.1 Section Includes – Monolithically (one piece) formed, insulated, impact door systems, windows, hardware and accessories.

PART 2 - PRODUCTS

2.1 Manufacturer – Insulated Impact Traffic Door to be Model Retailer R25 as manufactured by Chase Industries.

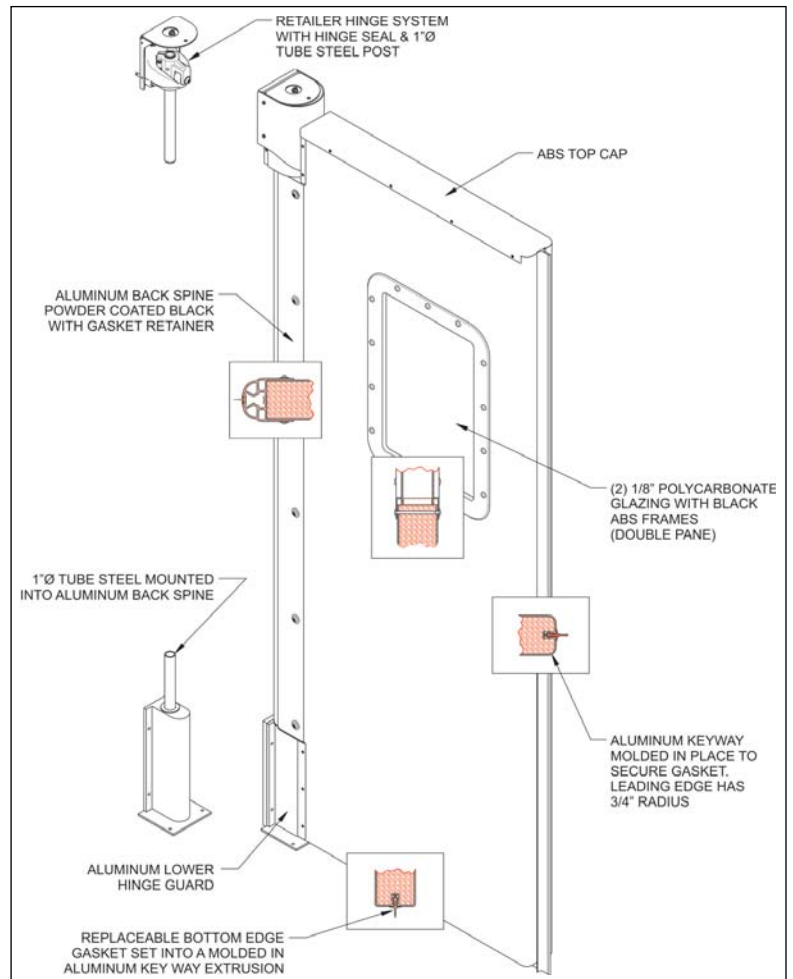
2.2 Door Construction – Doors shall be a monolithic, hollow shell of high impact, cross-linked polyethylene with minimum wall thickness of 1/8", overall panel thickness of 3-3/4" and textured finish. Leading and bottom edges have molded in key extrusion to accept gaskets. The back edge has an extruded aluminum spine with a keyway that accepts a blade gasket. The leading edge has a 3/4" radius. The door panel core shall be of 3-1/2" thick, foamed-in-place, Non-CFC urethane foam bonded to interior of the high density, cross-linked, polyethylene shell providing an insulating R factor of 25. Panels shall be manufactured with a one-piece back edge spine of continuous extruded aluminum with flanges that wrap the door panel. Spine shall be powder coated black.

2.3 Vision Panel – Vision panel shall be double pane. Each window glazing shall be 1/8" thick polycarbonate with a PVC cap separator placed between two 1/8" thick ABS frames. Maximum height from finish floor to the bottom of the viewing area shall not exceed 48". Window size shall be 12"x18", 16"x16" or 17"x23" dependent upon panel size.

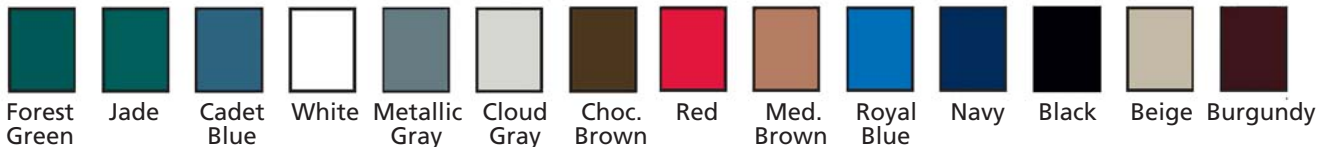
2.4 Hardware – Standard hinge system consists of the upper hinge self-closing "V" cam design. Lower hinge shall be a cast aluminum lower hinge adapter with UHMW sleeve. The hinge shaft shall be 1" diameter x 1/8" wall tubular steel, mounted in the top and bottom of the aluminum back spine and fastened by screws on the inside of the spine. The tube steel rests in the UHMW sleeve, which is mounted in the lower hinge guard. The roller assembly mounts to the upper hinge post.

2.5 Accessories – Accessories can include polyethylene spring bumpers and/or limiting posts.

3.1 Installation – Install doors in accordance with Chase Industries instructions and standards.



Colors Available



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



World's Leading Manufacturer of Traffic Doors

www.chasedoors.com

800.543.4455

In our continuing effort to improve our products, some specifications or descriptions may change. We reserve the right to make such changes without notice or recourse.