

RYTEC

HIGH PERFORMANCE DOORS

POWERHOUSE® SD

HIGH PERFORMANCE RUBBER ROLLING DOOR



POWERHOUSE® SD

Industry's First Release & Restore™ High-Speed Rubber Door

Heavy-duty construction, high-quality materials and patented innovations have taken the Powerhouse SD door to a new level of resilience and performance. Built with styrene butadiene rubber (SBR) panel and heavy-duty construction it is engineered to last a lifetime.

The Powerhouse SD door is virtually indestructible while offering power, performance and dependability to meet the demands of the world's most extreme environments.



Shown with optional hood cover



Industrial Strength

- Stronger, tougher and more durable than conventional rubber doors
- Patented reinforced structure increases stability and wind resistance

Release & Restore™

- Self-resets in seconds
- Allows panel to release without damage to the panel, side frame or bottom bar

Increased Resistance

- Responds dynamically to high wind loads and pressure

Smooth Operation

- Advanced System 4® door controller enables precise door positioning and speed adjustments and control of all door functions

Safety is Standard

- Pathwatch® Safety Light System, dual photo eyes and bottom bar reversing edge provide enhanced safety

QUALITY. PERFORMANCE. RELIABILITY.

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POWERHOUSE[®] SD

HIGH PERFORMANCE RUBBER ROLLING DOOR



Size/Dimensions

- Up to 24'W x 30'H

Travel Speed

- Opening speed up to 47 inches per second

Operation

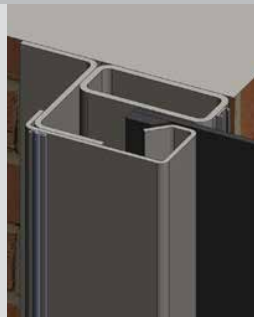
- Three-phase, variable speed AC drive provides soft acceleration and deceleration
- Independent opening and closing speeds for flexibility
- Integrated brake/catching device



Direct-drive motor

Extreme Durability

- Impact-resistant, self-supporting side columns made of structural steel with "Z" mounting bracket
- Ry-Tension™ system for 30% stronger "dynamic grip" of rubber panel
- Aluminum bottom beam provides corrosion-resistance for harsh environments
- No conventional wear parts including limit switches, springs, sprockets, counterbalance, cables or belts
- No shear bolts, knock-away parts or field repairs after most impacts
- Stay-Fast™ windstops for greater wind resistance



Side column profile

Electrical Controls

- System 4[®] controller housed in a NEMA 4x rated enclosure with factory set parameters
- Intelligent processor monitors and controls power consumption
- Advanced self-diagnostics for troubleshooting



System 4 shown with optional rotary disconnect

Durable Panel Design

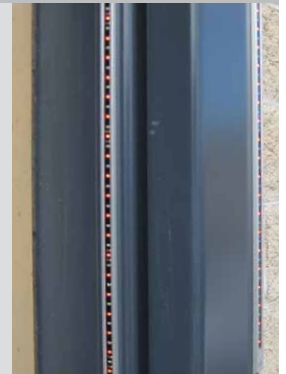
- 1/4-inch thick SBR rubber panel with 2550 psi tensile strength
- Withstands high pressure and wind
- Puncture- and rip-resistant panel
- Vertical stripes for visual safety awareness
- Skived seams connect SBR
- Segmented windlocks allow door panel to release in case of impact



Vertical stripes for added safety

Safety is Standard

- Pathwatch[®] Safety Light System
- Dual thru-beam photo eyes
- Electric reversing edge
- Ry-Wi[®] Wireless System
- Chain hoist for manual operation



Pathwatch warning lights

Warranty

- One-year limited warranty on mechanical and electrical components
- Limited lifetime warranty on SBR panel material



Options

- EPDM panel material in blue or grey
- Hood and motor cover
- Windows (size restrictions)



Window option shown

Standard maximum sizes shown; larger sizes may be available upon request.

American Owned, American Made



◀ Watch All Rytec Testimonials

Specifications subject to change
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