Richards-Wilcox Garage Doors

ROLLTITE™



R522i, R520i, R518i
INSULATED ROLLING STEEL FIRE DOORS

The R500i Series combines a space-saving design with user-friendly operation and semi-rigid mineral wool insulation (R-value 4.7) for improved thermal performance. Its insulated steel curtain features a 24-gauge steel backer slat.

The fail-safe system is activated by fusible links or smoke detectors, or connected to a central alarm system through a release device. The door mounts to steel, concrete or masonry block (filled or hollow).

Motor operators include time-delayed automatic closing, auto-reset overload protection, monitored battery backup, low battery warning, keyed test station, detector/alarm input and a 24-volt control circuit.

warehouse | retail | industry | security

STANDARD FEATURES

- Size up to 30' wide and 24' high (max 600 sq. ft.)
- Easy and fast reset & testing
- UL /ULC / FM rated
- Conforms to NFPA 80
- 25,000 cycle spring
- 2 year limited warranty

ROLLTITE R500i SERIES INSULATED ROLLING FIRE DOOR

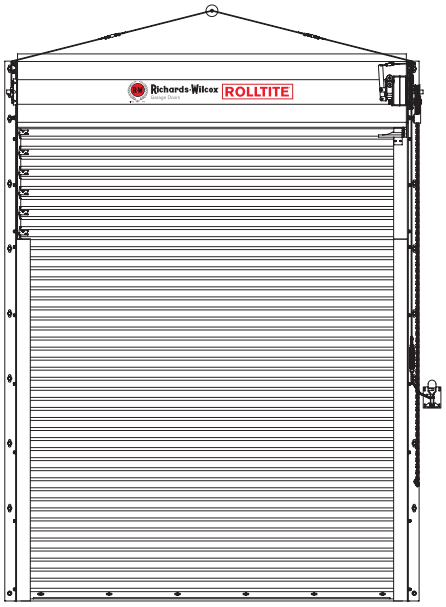
MODEL 522i (22-GAUGE SLAT), MODEL 520i (20-GAUGE SLAT), MODEL 518i (18-GAUGE SLAT)

PRODUCT SPECIFICATIONS

Developed to allow the safe emergency closing when activated by our 165° fusible link, or when activated by another release device. The door will automatically descend to the floor at a controlled rate. This system eliminates the danger associated with a free-falling door.

Drop Testing and Auto Reset

Floor level release and reset handle provided with the chain hoist. Key test station provided with motor operation. No tools or ladders required to drop test or reset the door.



Max Width	30'
Max Height	24'
Materials	Galvanized steel with baked polyester & epoxy primer.
Max sq. ft.	600 sq. ft.
Curtain	3" flat slats, 22, 20 or 18 ga.
Insulation	Semi-rigid mineral wool, R-value 4.7.
Finish/Colour	Standard colours (white, gray, tan or galvanized). Powder coat available in RAL.
Endlocks	Endlock or windlocks on every alternate slats.
Operation	Manual/Chain hoist or electric operator.
Guide	Structural steel with 30" service cutout and removable headstop. 3/16" minimum thickness.
Bottom Bar	Structural steel two-piece angle and bulb weatherseal.
Hood	24 ga galvanized steel with baked epoxy primer and baked polyester. Over 16' wide, steel bracket added.
Counterbalance	25,000 cycle oil-tempered helical torsion spring.
Barrel	Steel pipe drum build with maximum deflection of .03"/ foot width. Spring to be mounted on a cold rolled steel inner shaft with self-lubricating end ball bearing.
Brackets	Head plate fabricated from 1/4" steel.

OPTIONS

Fire Ratings: 45/90 minutes, 3 hours or 4 hours (18-gauge only).
Automatic Closing Devices: XP, XPBB, AFCB.
Detection and Activation Devices: Smoke and heat detector, horn.
Optional Mounting: Between jamb under lintel (fascia required) or above lintel.
Smoke Seal: UL 1784-compliant perimeter seal to reduce smoke and air infiltration.
Flame Baffle and Jamb Seal: Helps prevent smoke infiltration through the header and jamb.
NFPA105 Smoke control upon request.
High Cycle Springs: Available in 50,000 cycles and 100,000 cycles.

2 YEAR WARRANTY

FINISH

White Topcoat | Gray Topcoat | Tan Topcoat | Galvanized

ARMORBRITE™

Powder coat finish is available in a variety of color options. 40-year film integrity and a 35-year no-chalk/no-fade limited paint warranty.

Richards-Wilcox Garage Doors
SINCE 1912

1-800-667-1572 ▪ rwdoors.com

5100 Timberlea Blvd Mississauga ON L4W 2S5 Canada