

FIRE SAFETY CLOSURES

ROLLING FIRE DOORS

Models ERD10 and ERD20 (insulated Firemiser™)



STOP FIRE AND SMOKE IN ITS TRACKS

TAILORED LIFE SAFETY SOLUTIONS

Our fire doors help save property, and more importantly, lives. Our advanced Fire Door Systems offer industry-leading, intelligent operation that:

- ▶ Activate thermally or electrically to contain fire and smoke spread
- ▶ Easily - or even automatically - reset or auto open after a fire event or power outage

ENHANCED SMOKE PROTECTION

Optional SmokeShield® smoke and draft control conforms to UL1784 and assures that smoke will be compartmentalized with the fire and not spread quickly throughout the facility, allowing safe egress for occupants.

CUSTOM BUILT FOR EVERYDAY USE

Designed for fire rated openings, our fire doors provide security and access control and are for use in openings that are not part of a required means of egress. Factory Mutual Approved and listed with the California Office of the State Fire Marshall. UL listed for fire protection ratings of ¾, 1½, 3 and 4 hours.

INSULATED ROLLING FIRE DOOR OPTION

The Firemiser insulated fire door provides energy savings, sound attenuation and climate control with an STC rating of up to 32, and a flame spread and smoke development index of 0.

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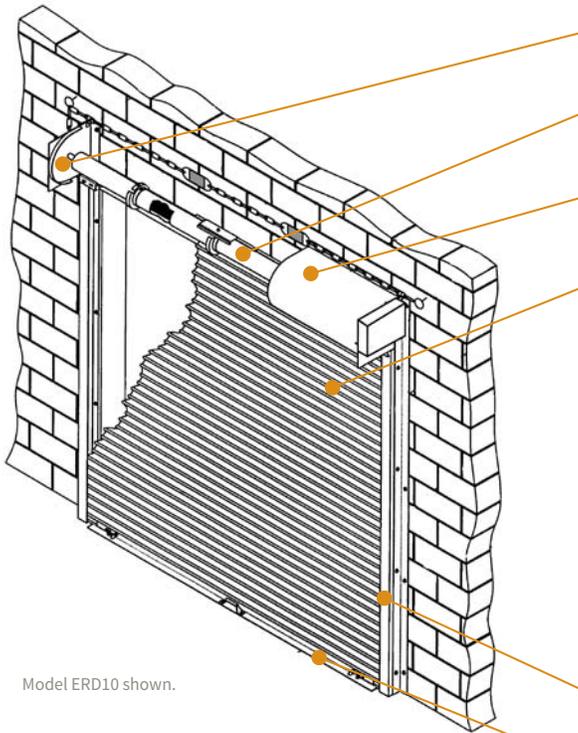
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CORNELL
Innovative door solutions

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STANDARD COMPONENT MATERIALS AND FINISHES



Model ERD10 shown.

BRACKETS - Steel with powder coating to match curtain. Bolt to guide assembly and support counter-balance shaft and curtain.

COUNTER-BALANCE SHAFT - Steel. Supports curtain and contains torsion springs for assisting operation.

HOOD - Galvanized steel with GalvaNex™ polyester enamel finish to match curtain. Encloses the curtain and provides fire protection at the head of the door.

CURTAIN

FIRE DOOR MODEL ERD10

Interlocking roll formed slats of galvanized steel with GalvaNex polyester enamel finish in Gray, Tan, White or Brown. Cast iron endlocks are riveted to the ends of alternate slats to maintain alignment and prevent wear.

FIREMISER MODEL ERD20

Double skin interlocking roll formed slats of galvanized steel, with GalvaNex polyester enamel finish in Gray, Tan, White or Brown filled with mineral wool insulation. Flame spread and smoke development index factors are zero as tested per ASTM E 84. Cast iron endlock/windlocks are riveted to the slats to maintain alignment, lock curtain into guides and prevent wear.

GUIDES - Structural steel with powder coating to match curtain. Guide assemblies bolt to the wall and support the weight of the door.

BOTTOM BAR - Two back to back structural steel angles with powder coating in Gray, Tan, White or Brown. Lock mechanisms available.

OPERATION

Alarm-activated AlarmGard® and a variety of motor options are the superior choice.

Fusible-link-activated chain, crank or motor options are available for openings that are not in a pedestrian throughfare and where electrical activation is not desired.

OPTIONAL MATERIALS AND FINISHES

- ▶ Stainless steel - 300 series in #4 finish
- ▶ SpectraShield® Powder Coating in more than 180 colors

Brackets, Guides and Bottom Bar

- ▶ Hot-dip galvanizing on steel components
- ▶ Zinc-enriched, corrosion-resistant powder coating in Gray



CUSTOM-DESIGNED SOLUTIONS

Contact our experienced Architectural Design Support Team for help in customizing our products to fit your specific application. Call 800.233.8366 ext. 4551 • ads@cornelliron.com