

CORNELL

SentryGate® 3

Model ESG20

Practical Design Applications

- Storefront Protection - maintain visibility while providing off-hour security behind storefront windows and doors.
- Display Kiosks - allow ventilation while closing off merchandise displays.
- Counter Windows - secure areas within buildings that need off-hour protection such as pharmacy or concession counter openings.



Benefits

- Gain protection while maintaining visibility and ventilation with the SentryGate's® 65% open design brick pattern curtain.
- Unique design locks curtain into guides for added security.
- Lightweight/compact design allows for interior mounting to existing construction.
- Contour curtain profile allows unit to tightly store in an enclosed overhead coil.
- Convenient operation from the comfort of the store interior.
- Each unit is built to exact opening size requirements.
- Little or no routine maintenance.
- Job records are retained and repair parts are readily available.
- Cornell can manufacture and ship most SentryGate® units in one to two weeks.



Finish Choices

Curtains are readily available with a black or white matte finish. Surrounding components are clear anodized aluminum as standard, but are available in black anodized or with a select color powder coat finish.

SentryGate® is a patented product of Cornell Iron Works.

SentryGate® 3 Components



Brackets

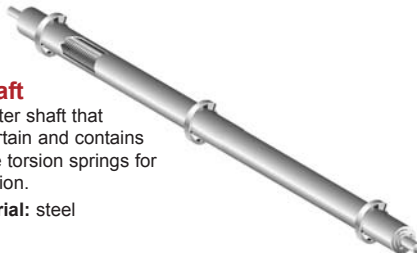
16 gauge steel plates standard, 7 gauge when motor operated. Brackets bolt to the guide assembly and support the counter-balance shaft and curtain.

Standard Material & Finish: steel, with SpectraShield® powder coating 30-7192 gray

Counter-balance Shaft

3" steel tube outer shaft that supports the curtain and contains counter-balance torsion springs for assisting operation.

Standard Material: steel



Hood

Aesthetic and protective sheet metal enclosure for the curtain mounted across the head of the door that helps keep the brackets rigid.

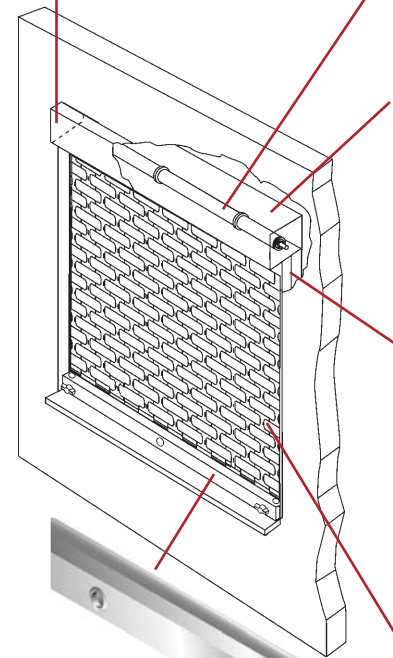
Material and Finishes: clear anodized aluminum or galvanized steel with baked-on light gray polyester enamel or selected color powder coat finish



Guides

Two piece extruded aluminum side rail assemblies that bolt to a wall or frame assembly and support the entire weight of the curtain.

Finishes: clear anodized aluminum standard, color anodized or selected powder coat finish available



Bottom Bar

Extruded aluminum reinforcing member attached to the bottom of the curtain. Conceals locking mechanisms and is equipped with a vinyl astragal/weather-seal to cushion the contact point on the counter.

Finishes: clear anodized aluminum standard, color anodized or selected powder coat finish available



Curtain

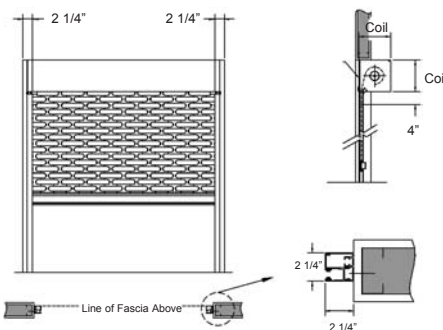
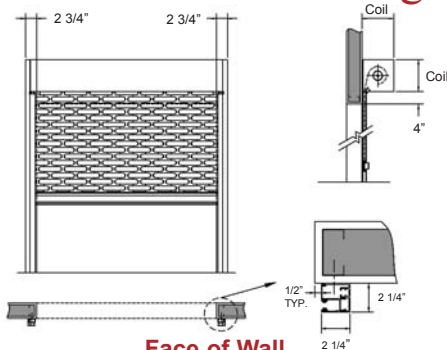
65% open brick pattern curtain design consisting of high strength injection molded components and full width concealed aluminum rods at 2" on center.

Material & Finishes: exposed curtain components in black or white finish, concealed aluminum rods are mill finish

Operation

Push-up operation shown. Hand crank and motors are available. Doors operate by rotating the shaft gear end. The opposite end of shaft applies spring tension and is equipped with a spring adjusting wheel.

Mounting & Clearances



Available Options

- Cylinder or slide bolt locking
- Bottom bar sensing edge for motorized units
- Operator covers for exterior mounted units or exposed operators below 8'-0" high
- Countertops or sill angles
- Fixed and removable mullions
- Special corner mullions

Special Applications

- Fixed Guide Mullions - are provided to use multiple units side by side on wide openings using minimal track space.
- Removable Guide Mullions - used on wide openings that require full access on a limited basis.
- Corner Mullions - allow guides from two units to be mounted at 90° on a common tube utilizing an over/under coil set up.
- Machine Guards - SentryGate® grilles may be mounted on machine frame assemblies to provide safety and easy access to machine components.
- Countertops - 14 gauge stainless steel countertops are available up to 12' long, 20" deep. Plastic laminate countertops in several configurations are available up to 14'-4" long, 36" deep in a range of standard laminates.

SpectraShield® Powder Coat Finish

Cornell's SpectraShield® Powder Coat Finish in a choice of over 200 colors adds durability and aesthetic value. Surface preparation and coating process produces a smooth, lasting finish.



CORNELL
SAFE AND SECURE

An ISO 9001:2000 Registered Firm

Crestwood Industrial Park
Mountaintop, PA 18707
TEL 800.233.8366 • FAX 800.526.0841
Engineering Design Services: Ext. 593
Website: www.cornelliron.com
Email: cornell@cornelliron.com