



rolling steel  
**SERVICE DOORS**



*Model CESD10 Rolling Steel Door*

EFFICIENCY	WARRANTY
<b>8.1</b>	<b>2YR</b>
R-VALUE	LIMITED
	CONSTRUCTION

## FEATURES

- Constructed of a high percentage of recycled material and designed with ease of maintenance and longevity in mind, increasing the sustainability of most applications.
- Curtains are available in prefinished galvanized steel, stainless steel, or anodized aluminum finishes. Guides, bottom bars, and headplates are powder coat finished for aesthetics and increased durability.
- Practical innovations enhanced by the aesthetic appeal ensure that a Clopay door adds value to any building exterior, combining maximum security with modest operating costs.
- Doors can be operated manually with standard chain hoist or they can be motor operated. Optional manual crank operation is also available.

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## SPECIFICATIONS

**Curtain** – Prefinished 24, 22, 20 and 18 gauge galvanized steel interlocking roll-formed slats in non-insulated F5 flat slat (2.63" x .66") (66.8 mm x 16.8 mm) or insulated F6 (2.65" x .66") (67.3 mm x 16.8 mm) with a polyurethane core and a 24 gauge back cover. R-value = 8.1 as calculated by ASHRAE Standards.

**Guides** – Standard three structural steel angles powder coated and bolted together to form a curtain guide channel and jamb mounting surface with flared bellmouths, removable curtain stops and removable service cutouts.

**Hood** – Half moon or rectangular shape fabricated from minimum 24 gauge prefinished galvanized steel with intermediate structural supports furnished as required per design.

**Bottom Bar** – Powder coated steel angles bolted back-to-back, with tubular compression weatherseal or optional safety reversing sensing edge as standard. Optional aluminum angles or extruded aluminum tubular shape are also available. T-type is optional up to 16'4" (5 m) width.

**Endlocks and Windlocks** – Plated malleable cast iron to provide a wear surface for curtain slats and windlocks as required per design to meet windload code and specifications.

**Barrel Assembly** – Steel pipe, sized to limit deflection to no more than .03" (.76 mm) per foot of width, with graduated rings or lugs welded to barrel for curtain attachment.

**Springs** – Torsion springs, permanently lubricated and mounted on steel tension shafts; designed for 20,000 cycles minimum.

**Headplates** – Rectangular powder coated steel plates of suitable size to support barrel, curtain, drive and hood assemblies.

**Weatherstripping** – Vinyl or brush side seals available. Lintel mounted brush seal and internal hood baffle also available.

**Operation** – Manual push-up, chain hoist, hand crank or motor operation available.

**Safety** – Numerous safety options to ensure compliance with UL325 commercial safety standard are available. Options include photo eyes, monitored safety bottom edges, radio control systems, inertia brakes and security stations.

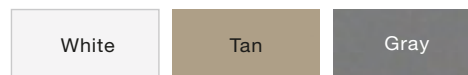
**Locking** – Plated steel slide bolt locks with padlock provisions. Optional steel slide bolt locks or bottom bar keyed cylinder locks available.

**Finish** – (A) Curtain slats and hood are hot-dipped galvanized, per ASTM A653, with baked-on epoxy primer and polyester finish coat. Color to be selected from manufacturer's standard paint finishes (white, tan, gray), 188 standard powder coat colors or custom powder coat colors. (B) Stainless steel finish: No. 4 satin. (C) Galvanex® finish: Galvanized curtain with clear polyester finish coat. (D) Aluminum: Clear anodized.

**Windload** – All doors are manufactured to a minimum standard windload of 20 PSF. Greater windload capabilities are available as required.

**Warranty** – Standard two year warranty from date of purchase against defects in materials and workmanship. Springs are warranted for 20,000 cycles.

## COLORS\*



*Colors shown may not reflect true steel color. Use for reference only. Due to the printing process colors may vary from printed samples.*

\* DASMA #274 states that "a common occurrence with rolling steel door products, under normal usage of such products, is the wearing away of the painted surface of the curtain. This condition occurs as the result of the curtain repeatedly coiling upon itself, and then repeatedly uncoiling, upon the opening and closing of a rolling steel door." Therefore normal wear and tear from metal-to-metal contact is not covered under the Clopay paint warranty.

## OPTIONS

- Aluminum or stainless steel curtains, guides and bottom bars
- High cycle spring and operation designs
- Windload upgrades
- Operational upgrades
- Access control upgrades
- Safety reversing systems
- In-house powder coating and finish upgrades

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