

CLOPAY COMMERCIAL – MODELS CESD10, CESD20 rolling steel series



Model CESD10 Rolling Steel Door

SERVICE DOORS

- Designed for daily use and warranted for up to 50,000 cycles with minimal maintenance required.
- Available in galvanized and stainless steel. Operated by motor, hand-chain, crank and push-up.
- Designed to meet the full scope of wind load requirements for General Wind Load, Texas Department of Insurance (TDI) and Florida Building Code (FBC).
- Can be mounted to steel, masonry or CMU.
- PSF for TDI will vary based on the door size and gauge:
 - Service Door – up to 65 PSF
 - Insulated Service Door – up to 120 PSF
- PSF for FBC will vary based on the door size, gauge and mounting:
 - Service Door – up to 100 PSF
 - Insulated Service Door – up to 120 PSF
- Available with 50 fps or 80 fps missile impact rating, which will vary by the gauge of the curtain slat.
- R-Value 8.1 (Model CESD20).

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SPECIFICATIONS

Curtain – Prefinished 24, 22, 20 and 18 gauge galvanized steel interlocking roll-formed slats in non-insulated flat slat (2.63" x .66") Model CESD10 or insulated F6 (2.65" x .66") Model CESD20 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 – Extruded aluminum (mill finish) for door widths less than 21'5". For door widths greater than; powder coated steel angles bolted back-to-back to match curtain.

Endlocks and Windlocks – Reinforced nylon or 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" 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 50,000 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, Brown), over 180 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, for standard windload, TDI and FBC.

Warranty – Standard two-year warranty from date of purchase against defects in materials and workmanship. Springs are warranted for 50,000 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 (General, TDI and FBC).
- Operational upgrades.
- Access control upgrades.
- Safety reversing systems.
- In-house powder coating and finish upgrades.

DISTRIBUTED BY:



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