

Insulated Rolling Service Door Systems



SERIES

625

Standard Features At a Glance

Max. standard width	30' (9144 mm)
Max. standard height	28' (8534 mm)
Curtain	24 ga. galvanized steel front 24 ga. galvanized steel back
Slat profile	Flat, insulated, type F-265I
Insulation	Foamed-in-place, CFC-free polyurethane
R-value	7.7* (1.35 W/Msq)*
Finish	Gray or tan
Hood	24 ga. galvanized steel
Windload	20 psf
Standard mounting	Face of wall
Operation	Chain hoist
Standard springs	20,000 cycle
Weatherseals	Bottom, exterior curtain-side guide, interior hood baffle
Guides	Structural steel
Bottom bar	Primed steel with vinyl weatherseal
Lock	Chain keeper
Warranty	15-month limited



Options

- Electric operator
- Aluminum or stainless steel components
- Bottom sensing edge
- Motor operation
- Between-jambs mounting
- High-usage package
- High-windload option
- Weatherseal for interior side guide
- Lintel seal
- Galvanized steel bottom bar angle guides
- Cylinder lock
- Pass doors
- Exhaust ports
- Powder-coat paint finish in 21 standard colors, 172 premium colors, or color-matched to specification.

*If your project requires a higher R-value, ask your Overhead Door Ribbon distributor about our Thermacore® door system, which offers R-values to 17.50 (3.09 W/Msq).

The Stormtite™ 625. Equal Mea

When overall performance and thermal efficiency are as essential in a rolling service door as are versatile good looks, the Stormtite™ 625 meets specification and exceeds all expectations. This heavy-duty door features insulated slats in a variety of materials — galvanized steel, stainless steel or aluminum — and offers windload protection up to 20 psf. Designed to fit openings up to 30' wide and 28' high (9144 mm by 8534 mm) and offered with a broad range of product options, the versatility and functionality of the Stormtite™ 625 ensures that your design requirements will be met with ease, functionality and style.

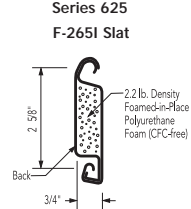
A Full-Featured Rolling Door With Added Thermal Protection.

The Stormtite™ 625 offers a complement of standard features plus the benefit of moderate protection against thermal transfer. The door's insulated F-265I slats incorporate a CFC-free, foamed-in-place polyurethane insulation that minimizes air infiltration and provides R-values to 7.7 (1.35 W/Msq).^{*} Thermal efficiency is enhanced by vinyl weatherstripping on the bottom bar, exterior curtain-side guide at each jamb, and along the hood baffle. Additional weatherseals are optionally available on the interior side guide and lintel.

A Dependable, Durable Low-Maintenance Door.

The Stormtite™ 625 is computer-designed and solidly constructed for dependable, long-lived operation and low maintenance. Guides, bottom bar, brackets and hood are all fabricated of steel, and the door's counterbalance assembly features a helical torsion spring designed for a standard 20,000-cycle. Steel curtains are factory-finished with a rust-inhibited roll coating process that incorporates a baked-on primer and polyester top coat to eliminate field painting and improve finish life. Stainless steel and aluminum slats are offered with mill or anodized finishes for long-lasting good looks. And if you opt for electric operation, our branded motor operators are built to meet the exacting specification of our rolling service doors — providing safe, precise and reliable operation for years to come.





Installation and Service: Overhead Door Company of Huntsville

Many Options, Customized Solutions.

A wide array of options allow you to customize the Stormtite™ 625 to your project's needs. Material choices include 24-gauge galvanized steel front slat curtain as the standard, with 20 or 22-gauge steel, stainless steel or .040" (1 mm) aluminum as options. On steel slats, the standard finish is gray or tan baked-on polyester paint, powder coated with a rainbow of 193 colors or color-matched to your specification available as options. Between-jamb mounting is offered as an alternative to standard face-of-wall installation. For larger or heavy-usage doors, the option of electric operation simplifies operation, while a host of safety features protect workers, equipment and products from injury or damage.

Extended Features for Special Applications.

The Stormtite™ 625 is available with a number of extended features for special applications. A higher windload package to meet stringent building codes in coastal areas is available upon request. T-shaped craneway doors can be built to nearly any size to accommodate large industrial equipment. Spark-resistant doors for use with explosion-proof electric operators offer added safety for volatile environments. Combination doors that combine a grille for free air flow and visual access is also available on the 625 door. Ask your Overhead Door Ribbon Distributor for more information about our special application Stormtite™ doors.

PART 1 GENERAL**1.01 Work Included**

The rolling doors shall be Series 625 as manufactured by Overhead Door Corporation.

1.02 Related Work

Opening preparation, miscellaneous or structural metal work, access doors, finish or field painting, field electrical wiring, wire, conduit, fuses and disconnect switches are in the Scope of Work of other divisions or trades.

1.03 Quality Assurance

In accordance with accepted quality assurance guidelines for motor-operated doors, both the rolling door and electric operator (optional) shall be manufactured by a single-source producer of door systems; as by Overhead Door Corporation.

PART 2 PRODUCT**2.01 Curtain**

Interlocking roll-formed slats as specified following. Endlocks shall be attached to each end of alternate slats to prevent lateral movement. Flat profile type F-265I for doors up to 30' (9144 mm) wide. The front slat shall be fabricated of 24-gauge galvanized steel. (22-gauge galvanized steel) (20-gauge galvanized steel) (18-gauge galvanized steel) (22-gauge stainless steel) (20-gauge stainless steel) (Aluminum .040" or 1 mm). The back slat shall be 24-gauge galvanized steel. (24-gauge stainless steel) (Aluminum .032" or .51 mm). Slat cavity shall be filled with CFC-free, foamed-in-placed, polyurethane insulation.

2.02 Bottom Bar

The bottom bar shall be two prime-painted steel angles, minimum thickness 1/8" (3 mm), bolted back to back to reinforce the curtain in the guides, and shall have a bottom weatherseal. (Optional bottom bars in galvanized steel, stainless steel and aluminum, as the project requires.)

2.03 Guides

Guides shall be three (3) structural steel angles with a minimum thickness of 3/16" (5 mm). Guides shall be weatherstripped with a vinyl weatherseal at each jamb, on the exterior curtain side. (Interior curtain-side weatherseal is an option.) Guides will be equipped with windlock bars as required to meet the minimum design windload of 20 psf. (Greater windloads are available as options upon request.) (As an option, guides are available in galvanized, aluminum and stainless steel material.)

2.04 Brackets

Brackets shall be hot-rolled steel (galvanized) (stainless steel) plates to support the counterbalance, curtain and hood.

2.05 Counterbalance

The counterbalance shall be adjustable helical torsion springs designed for standard 20,000 cycles. (Optional cycle designs are available, such as 50,000, or 100,000 cycles). The counterbalance is housed in a steel tube or pipe barrel, supporting the curtain with a deflection limited to .03" per foot (2.5 mm/m) of span [width]. The counterbalance shall be adjustable by means of an adjusting tension wheel.

2.06 Hood

The hood shall be minimum 24-gauge galvanized steel. (Aluminum, stainless steel, or grey vinyl material are available options.) Intermediate supports shall be furnished to support the hood where required on wider openings. The hood will be supplied with an internal hood baffle weatherseal. (Lintel weatherseals are available as options.)

2.07 Operation

Manual chain hoist is standard. (Electric motor is optional.)

2.08 Locking

Manual chain-hoist-operated doors shall have chain keeper locks suitable for padlocking by others. (Slide bolts or cylinder locks are optional. Manufacturer's standard cylinder is supplied or master-keyed cylinder may be furnished by others.) When electric motor operation is chosen, and when cylinder and/or slide bolt locks are specified, interlock switches are recommended to be specified to prevent door curtain travel when the lock rods are engaged in the guides.

2.09 Finish

Galvanized steel: Slats and hood shall be galvanized per ASTM A-653 and shall receive a rust-inhibitive, roll-coating process, including bonderizing, .02 mils thick baked-on prime paint, and 0.6 mils thick baked on polyester (powder-coated) top coat. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer.

Stainless steel: Slats and hood shall be stainless steel with (2B mill finish) (No. 4 satin finish).

Aluminum: Slats and hood shall be aluminum with (mill finish) (clear anodized finish) (bronze anodized finish).

PART 3 EXECUTION**3.01 Execution**

The 625 Series rolling service doors shall be installed in accordance with Overhead Door Corporation instructions and standards. Installation will be by authorized Overhead Door Corporation representatives.

**Note to specifier: This specification is a suggested guide. Available options are shown in parentheses.*