



# heavy-duty polyurethane insulated STEEL DOORS

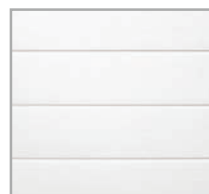


Model 3717 with 24 × 8 Lites

EFFICIENCY	WARRANTY
<b>16.2</b>	<b>10YR</b>
R-VALUE	LIMITED CONSTRUCTION

## FEATURES

- Full 1-3/4" (44.45 mm) thick sandwich construction consisting of exterior and interior steel skins filled by foamed-in-place polyurethane foam.
- **A GREEN DOOR:** Clopay's polyurethane foam is CFC and HCFC-free and utilizes recycled steel and packaging materials.
- Both steel skins are separated by a continuous thermal break.
- Panels are prepainted inside and out to inhibit rust. Hot-dipped, galvanized steel is painted with primer and given a tough oven-baked polyester top coat, to provide the most rust-resistant steel door available. Ten year warranty against rust-through.
- The heavy-duty Models 3717 and 3718 are for commercial and industrial facilities where temperature control, energy-efficiency and durability considerations are all important.
- Clopay's three stage prepainting process yields a durable, maintenance-free finish.
- Stucco embossed exterior and interior steel skins with micro-grooved ribs.



3717 Minor Ribbed Panel



3718 Flush Panel

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**Quality Assurance** – Doors shall be insulated steel sectional overhead type as manufactured by Clopay Building Products. Each door is provided as one complete unit including sections, brackets, tracks, counterbalance mechanisms and hardware (list options) to suit the opening and headroom available. Standard maximum door width to 32'2" (9.8 m). Standard maximum door height to 24' (7.3 m). Consult CIA for large sized doors.

**Materials and Construction** – Sections shall be 1-3/4" (44.45 mm) thick sandwich construction consisting of exterior and interior steel skins filled by foamed-in-place polyurethane foam. Both steel skins to be separated by a continuous thermal break. Steel skins shall be roll formed commercial quality hot-dipped galvanized per ASTM A-294, A-653, phosphate coated, prepainted with primer and baked-on polyester top coat. Door sections constructed of 27 gauge (.016") (.41 mm) min. exterior and 28 gauge (.015") (.38 mm) min. interior skins. Interior is stucco embossed with minor ribs. Exterior skin to be stucco embossed with either .040" (1.02 mm) minor ribs 4" (10.2 cm) or 5" (12.7 cm) on center (3717) or stucco embossed with a flush panel (3718). Single end stiles shall be 18 gauge (.045") (1.1 mm) galvanized steel. 16 gauge (.056" min.) (1.4 mm) double end stiles as required. 19 gauge hinge backup plates for hinge attachment. Full length aluminum retainer with U-shaped flexible PVC vinyl astragal. Section joint to form a weather-tight tongue-and-groove joint. Steel step plate/lift handle provided on bottom section. SECTIONS GUARANTEED AGAINST DELAMINATION FOR TEN (10) YEARS.

**Energy Value** – Section R-value = 16.2\*

\*Calculated door section R-value is in accordance with DASMA TDS-163.

**Finish** – The section exterior and interior is prepainted steel consisting of a hot-dipped galvanized coating applied to the base metal. A phosphate treatment is applied before a baked-on primer. This prime coat is finished with a polyester coat for rust protection. The interior portion of the skin that is adhered to the polyurethane foam is a baked-on coating. Doors are available in white, brown, tan or gray finishes. FINISH GUARANTEED AGAINST RUST-THROUGH FOR TEN (10) YEARS.

**Hardware** – All hinges and brackets to be manufactured of hot-dipped galvanized steel, 14 gauge minimum. 10-ball steel rollers to be full floating ball bearing in case-hardened steel races, mounted to fit the taper of the track.

**Tracks** – 2" (50.8 mm) or 3" (76.2 mm) track. Vertical tracks to be minimum of 16 gauge galvanized steel tapered and mounted for wedge type closing. Horizontal tracks to be minimum 14 gauge galvanized steel, reinforced with minimum 13 gauge galvanized steel angles as required. 3" (76.2 mm) track is 12 gauge.

**Spring Counterbalance** – Door assembly to be operated by a torsion spring counterbalance mechanism with a helically wound, oil tempered torsion spring mounted on a galvanized steel tube or solid steel shaft as required. Cable drums are die cast aluminum. Lift cables are high strength, galvanized aircraft cable with minimum 7:1 safety factor.

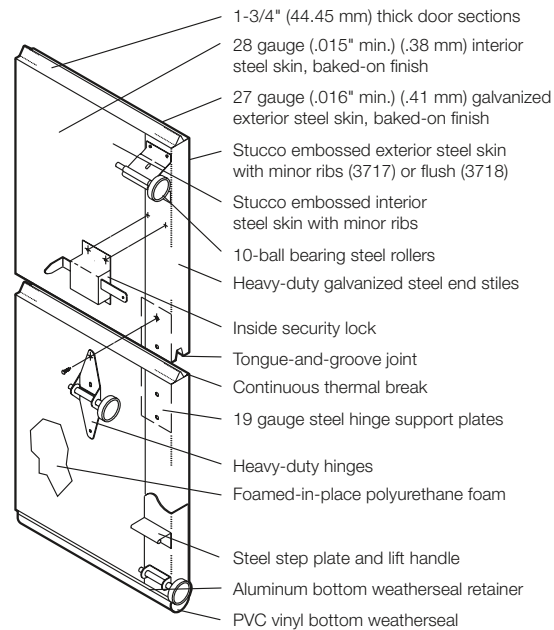
**Locking** – Inside spring loaded slide bolt lock on end stile shall engage slot in track.

**Wind Loading** – Door shall comply with ANSI/DASMA 108 or to meet specific application requirements.

SECTION ARRANGEMENT		WINDOW OPTIONS (24" x 8" or 24" x 12")	
Door Height	Number of Sections	Door Width	Max. Number of Window Lites
6'3" to 8'0"	4	Up to 9'2"	2
8'3" to 10'0"	5	9'4" to 13'2"	3
10'3" to 12'0"	6	13'4" to 16'2"	4
12'3" to 14'0"	7	16'4" to 20'2"	5
14'3" to 16'0"	8	20'4" to 24'2"	6
16'3" to 18'0"	9	24'4" to 27'2"	7
18'3" to 20'0"	10		
20'3" to 22'0"	11		
22'3" to 24'0"	12		

**OPTIONS**

- A. Glazing** – 24" x 8" (61 cm x 20.3 cm) or 24" x 12" (61 cm x 30.5 cm) window lites of polypropylene frame construction. Outside frame color to match panel. Available with 7/8" (22.2 mm) insulated glass, 7/8" (22.2 mm) insulated tempered glass, or 1/4" (6.4 mm) tempered glass. Full vision section, prepainted white or brown; glazing options include 1/8" (3.2 mm) DSB, 1/8" (3.2 mm) tempered, 1/8" (3.2 mm) plexiglass, 1/2" (12.7 mm) insulated or insulated tempered, or 1/4" (6.4 mm) polycarbonate. Black 26" x 13" (66.04 cm x 33.02 cm) framed windows with rounded corners; available with Lexan® or plexiglass.
- B. High Cycle Spring** – Available in 25,000; 50,000; or 100,000 cycles.
- C. Track** – Vertical lift, high lift, follow-the-roof slope and low headroom track available, 2" (50.8 mm) or 3" (76.2 mm) as required.
- D. Weatherstripping** – Complete perimeter seals available in various materials.
- E. Locking** – Five-pin cylinder lock with outside key, 16-1/2" (41.9 cm) lock bar.
- F. Mullions** – Carry-away and roll-away available on doors to 14' (4.3 m) high [2" (50.8 mm) track only]. Swing-away available on doors to 20' (6.1 m) high [2" (50.8 mm) and 3" (76.2 mm) track].
- G. Break-Away Bottom Section** – Single section available up to 20' 2" (6.2 m) wide on doors with full vertical lift track or high lift track with minimum of 36" (.91 m) of high lift. Double sections available up to 14' 2" (4.3 m) wide on doors with full vertical lift track or high lift track with minimum of 60" (1.5 m) of high lift.



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For special applications and options, consult Commercial Information Assistance (CIA) at 1-800-526-4301.



For more information on these and other Clopay products, call 1-800-526-4301 or visit [www.clopaycommercial.com](http://www.clopaycommercial.com)

