



STYLEFORM™
BASIC

ACCEPTABLE MANUFACTURER

Sectional doors shall be StyleForm BASIC as manufactured by Raynor of Dixon, Illinois.

OPERATION

Operation shall be manual, motor and/or hand chain as specified and detailed on door schedule. (Note: delete from list any operations that do not apply).

SECTIONS

- A. Material: Sections shall be steel pan construction, 2" (51 mm) thick, roll-formed from commercial draw quality, hot-dipped galvanized steel per ASTM A-925 and A-653. Section pans shall be woodgrain textured, 25 gauge (.017" minimum steel thickness) embossed steel with tongue-and-groove joint for weathertight closure between sections. End stiles and center stiles to be 18 gauge steel riveted to the exterior face with countersunk stainless steel rivets and resistance welded to interior rail. Exterior of section shall feature embossed raised panel design (select from list below):
1. Colonial Raised Panel: approximately square in design.
 2. Ranch Raised Panel: rectangular design.

- B. Mounting: Sections shall be mounted in the door opening using (select from list below):
1. Lap Jamb Angle Mounting: as normally-provided, sections shall overlap the door jambs by 1" (25mm) on each side of the door opening.
 2. Between-Jamb Bracket Mounting: as optionally-provided, sections shall be mounted between the door jambs, and seal against exterior perimeter seal installed along the vertical and top horizontal edges of the door.

- C. Insulation and Back Covers: Sections may be furnished with 1" (25mm) thick, expanded polystyrene insulation with white, impact-resistant, textured protective back cover. Insulation shall achieve an R-value of 5.0 and U-value of .20. (Delete this section if insulation does not apply).

- D. Seals: Bottom of door to have flexible U-shaped vinyl seal in aluminum retainer, extending the full length of bottom of section.

- E. Trussing: Doors designed to withstand windloads of 12 lbs. per sq/ft. (58.6 kg/sq.m.). Deflection of door in horizontal position to be maximum of 1/120th of door width.

- A. Color: Exterior skin shall have two coats of paint, one primer coat and one finish coat (select from list below):
1. White: Polyester paint
 2. Almond: Polyester paint
 3. ClayTone: Polyester paint
 5. Dark Brown: Kynar® Paint

- G. Window Type: Sections may be furnished with either Colonial-type or Ranch-type windows, encased in an extruded PVC window frame. Quantity and location(s) of windows shall be per door elevation drawing(s) (select from list below or delete section):
1. Colonial Window
 2. Ranch Window

- H. Window Style: Windows may be furnished in one of several styles (select from list below or delete section):
- Colonial Type Windows
1. Glass only
 2. Snap-in Window inserts: Cascade, Cathedral, Sherwood, Stockton, Sunburst (not available in Frost White Kynar®, Sepia Kynar®, and Beige Kynar®)
 3. Silkscreen Windows: Sherwood, Cathedral
 4. Decorative Window Styles: Regency Acrylic Brass, Expressions Acrylic Brass, Diamond Frosted Leaded, Sunrise Frosted Beveled or Pinnacle Frosted Beveled for Colonial windows; or Antique Charcoal Leaded, Antique Brass Leaded, Diamonds 3 Frosted Leaded, Oval and Diamonds Frosted Leaded, Sunrise Frosted Beveled or Pinnacle Frosted Beveled for Ranch windows.

Ranch Type Windows

1. Glass Only
2. Snap-in Window inserts: Cascade, Stockton, Sunburst, Sunray (not available in Frost White Kynar®, Sepia Kynar®, and Beige Kynar®)
3. Silkscreen Windows: Sunburst
4. Decorative Window Styles: Regency Acrylic Brass, Expressions Acrylic Brass, Diamond Frosted Leaded, Sunrise Frosted Beveled or Pinnacle Frosted Beveled for Colonial windows; or Antique Charcoal Leaded, Antique Brass Leaded, Diamonds 3 Frosted Leaded, Oval and Diamonds Frosted Leaded, Sunrise Frosted Beveled or Pinnacle Frosted Beveled for Ranch windows.

- I. Glazing: Single glaze windows to be provided with 1/8" (3.2mm) thick DSB glass (select from list below or delete section):
1. Clear Glass: as normally-provided.
 2. Obscure Glass: as optionally-provided, (not available for silkscreen window styles).

TRACK

- A. Material: Track shall be hot-dipped galvanized steel per ASTM A-653, and fully adjustable for adequate sealing of door to jamb, or weather seal.



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- B. Type: Track may be configured as Normal Headroom, Low Headroom, Vertical Lift, Lift-Clearance, Incline and/or Contour, as noted and detailed on door schedule. (Note: delete from list any configurations that do not apply).
- C. Size: Track size shall be (select from list below):
1. 2" (51mm): as normally-provided.
 2. 3" (76mm): as optionally-provided, for promoting higher cycle life and durability.
- D. Mounting: Tracks shall be either bracket-mounted or angle-mounted (select from list below):
1. Bracket-Mount: Using 2" adjustable track bracket as typically provided for use with wood jambs.
 2. "Floor-to-Header" Angle-Mount: Consisting of continuous angle extending from the floor up to the door header, for use with steel, wood or masonry jambs. Continuous angle size shall not be less than 2 5/16" x 5" x 3/32" (59 x 127 x 2.5mm).
 3. "Floor-to-Shaft" Angle-Mount: Consisting of continuous angle extending from the floor, past the header, and completely up to the door shaft for use with steel, wood or masonry jambs. Continuous angle size shall not be less than 2 5/16" x 5" x 3/32" (59 x 127 x 2.5mm) on 2" track.
- E. Finish: Track finish shall be (select from list below):
1. Galvanized: as normally-provided.

COUNTERBALANCE SYSTEM

- A. Type: The spring counterbalance shall be provided with aircraft-type, galvanized steel lifting cables with minimum safety factor of 5 to 1. Counterbalance system shall be (select from list below):
1. Torsion Springs: as normally-provided, consisting of heavy-duty oil-tempered wire torsion springs on a continuous ball-bearing cross-header shaft.
 2. Weight Counterbalance: as optionally-provided for lift clearance and vertical lift only.
- B. Cycles: Torsion spring counterbalance shall achieve (select from list below):
1. 8,000 cycles
 2. 25,000 cycles
 3. 50,000 cycles
 4. 100,000 cycles

HARDWARE/ACCESSORIES

- A. Hinges and fixtures: All hinges and brackets shall be made from galvanized steel.
- B. Rollers: Track rollers shall have a 2" (50.8mm) or 3" (76.2mm) diameter, consistent with track size. Rollers shall have hardened steel ball bearings.
- C. Accessory Perimeter Seal: Doors may be furnished with perimeter seal for jambs and header (delete section if not applicable).
- D. Accessory Air Infiltration Seal: Doors may be furnished with air infiltration seal for between door sections (delete section if not applicable).
- E. Accessory Lock: Door systems may be furnished with an exterior or interior locking device (select from list below or delete section):
1. Exterior Lock: shall have five-pin tumbler cylinder with night latch and steel bar engaging track.
 2. Interior Lock: shall have interior dead bolt provided with hole to receive padlock (padlock by others).