



SECTION 08719

SLIDING AND FOLDING DOOR HARDWARE

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Straight and curved track sliding doors.
- B. Straight and curved track sliding walls and partitions.
- C. Multiple panel, straight track folding doors and walls.

1.2 RELATED SECTIONS

- A. Section 05120 - Structural Steel: Track supports.
- B. Section 08110 - Steel Doors and Frames: Hollow steel doors for sliding applications.
- C. Section 08120 - Aluminum Doors and Frames: Aluminum doors for sliding applications.
- D. Section 08211 - Flush Wood Doors: Wood doors and panels for sliding and folding doors and walls.
- E. Section 08710 - Door Hardware: Cylinder locks, pulls.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Show layout, components, track mounting and support, anchorage details, and interface with adjacent construction.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and finishes.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store in dry, protected, well ventilated area and protect from damage.

1.5 WARRANTY

- A. Provide manufacturer's one-year warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Goldberg Brothers, Inc. Denver, CO
- A. Substitutions: Not permitted.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 SLIDING DOOR HARDWARE

- A. Hardware for Sliding Barn Style Hardware: Flat track, top roller mount with two steel ball bearing hangers per 48" section, 400lb capacity; mounting and configuration as indicated on drawings.
 - 1. Flat Track Rail: 3/16" x 2" HRS powder coated to manufactures standard colors. Sizes 48", 60", 72", 84" and 96". Multiple combinations of sizes for bi-parting or single doors over 48".
 - 2. Top Hangers: 3/16" x 2" HRS press rolled to house steel ball bearing roller, powder coated to manufactures standard colors.
 - 3. Top Hanger Mounting Hardware: Carriage style bolts (2 per hanger) 3/8" by length to accommodate available door thicknesses of 1-3/8" or 1-3/4", affixed by split lock washer and nut in a color to closely simulate top hanger color. Doors by door supplier to have solid styles to accommodate hangers,
 - 4. Flat Track Mounting Hardware: Lag style bolts (5 per track section 48" and 6 per section 60" to 96") 1/2" by length to accommodate available door thicknesses of 1-3/8" or 1-3/4" in a color to closely simulate flat track color. Tubular style wall spacer with flat fender style washer to hold flat track from wall to accommodate available door thicknesses of 1-3/8" or 1-3/4" in a color to closely simulate flat track color.
 - 5. Floor Guide: Tee shaped floor mounted guide to give a concealed appearance. Doors grooved by door supplier to accept guides.
 - 6. Anti-Jump Block: Acrylic block mounted behind each hanger to prevent door from jumping the track.
 - 7. Manufacturer's available standard colors.
- B. Accessories: Provide all components recommended by hardware manufacturer or required to achieve a complete installation.
- C. Fasteners: Provide all fasteners required, of type recommended by hardware manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until support and floor substrates have been properly completed.
- B. Verify that structural supports are level and of adequate strength to support the applied loads.
- C. Verify opening dimensions prior to fabrication and assembly.
- D. Notify Architect of unsatisfactory conditions.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install hardware level, plumb, sure, true and straight.
- C. Adjust hardware as necessary to ensure smooth, quiet, and effortless operation and safety.
- D. Clean track and hardware surfaces before hanging sliding doors.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion. Replace damaged products that cannot be repaired to original condition.

END OF SECTION