

Hettich Grant

SECTION 08710 SLIDING AND FOLDING DOOR HARDWARE

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Single track sliding doors.
- B. Single track sliding walls and partitions.
- C. Multiple panel track doors and walls.

1.2 RELATED SECTIONS

- A. Section 05120 - Structural Steel: Track supports.
- B. Section 06100 – Carpentry Wood: Track Supports.
- C. Section 08110 - Steel Doors and Frames: Hollow steel doors for sliding applications.
- D. Section 08120 - Aluminum Doors and Frames: Aluminum doors for sliding applications.
- E. Section 08211 - Flush Wood Doors: Wood doors and panels for sliding and folding doors and walls.
- F. Section 08710 - Builders Hardware: Locks, pulls.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Shop Drawings: Show layout, components, track mounting and support, anchorage details.
- C. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions.
 - 2. Installation instructions.
- D. Component Samples: (When required) Each product specified: one samples, minimum size 6 inches long, representing actual product, color, and finish
- E. Manufacturer's Certificates: Certify products meet or exceed ANSI 156:14 specified requirements

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Approved by General Contractor, Architect or Owner.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's packaging until ready for installation.
- B. Store in dry, well ventilated area, to protect from damage. Protect securely in a locked hardware room.
- C. Hardware Supplier, General Contractor and Installer to jointly inventory all hardware upon delivery to the jobsite.

1.6 WARRANTY

- A. Provide manufacturer's listed warranty. Suppliers to have an option to the owner to extended material warranty for up to 5 years.

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PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: **Hettich America (Grant)**: 4295 Hamilton Mill Rd, Buford GA. 30518: P-800-438-8424: F-800-627-5152. www.grantdoorhardware.com, **Grant Registration #** _____
- B. Substitutions: must meet or exceed the requirements listed and approved by Architect.
- C. Requests for substitutions must be submitted and approved by architect 15 business days prior to bid date.

2.2 SLIDING & FOLDING DOOR AND WALL HARDWARE HEAVY DUTY BOX TRACK SYSTEM.

- A. Hardware for Sliding Pocket or Bi-parting Doors 150 lbs capacity: Commercial Grade 1, Aluminum box track (mill or anodized) as listed in the hardware sets.
 - 1. **SELF LEVELING CARRIER 4 WHEEL** design; galv. steel with double sealed deep groove bearings, nylon covered wheels and end clamps to hold door in open or closed position.
 - 2. Carrier to have 3/8 vertical adjustment & adjustable end stops.
 - 3. Carrier to have quick release top plate.
 - 4. Optional wall mount brackets and Fascia if required:
 - 5. **Model Grant 150** x 113 424 6 x length as required
- B. Hardware for Sliding Pocket or Bi-parting Doors 325lbs capacity: Commercial Grade 1, , Aluminum box track (mill or anodized) as listed in the hardware sets.
 - 1. **SELF LEVELING CARRIER 4 WHEEL** design; galv. steel with double sealed deep groove bearings, nylon covered wheels and end clamps to hold door in open or closed position.
 - 2. Carrier to have 3/8 vertical adjustment & adjustable end stops.
 - 3. Carrier to have quick release top plate.
 - 4. Optional wall mount brackets and fascia if required:
 - 5. **Model Grant 325** x 113 424 7 x length as require.
- C. Hardware for Sliding Pocket or Bi-parting Doors 500 lbs capacity: Commercial Grade 1, , Aluminum box track (mill or anodized) as listed in the hardware sets.
 - 1. **SELF LEVELING CARRIER 4 WHEEL** design; galv. steel with double sealed deep groove bearings, nylon covered wheels and end clamps to hold door in open or closed position.
 - 2. Carrier to have 7/16 vertical adjustment & adjustable end stops.
 - 3. Carrier to have quick release top plate.
 - 4. **Model Grant 500** x 113 404 4 x length as require.
- D. Hardware for By-passing Doors 150, 325, 500 lbs capacity: Commercial Grade 1, Aluminum box track
 - 1. For Bi-passing applications use 2 sets of the above sliding door hardware and mount them in parallel to

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each other.

2. **Model Grant 150 x 150** x (2) 113 424 6 x length as required; **Model Grant 325 x 325** x (2) 113 424 7 x length as require; **Model Grant 500 x 500** x (2)113 404 4 x length as require.

- E. Accessories: Provide all components recommended by hardware manufacturer or required to achieve a complete installation.
- F. Fasteners: Provide all fasteners required, of the type recommended by hardware manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Installation is not to begin until floors, walls and headers have been properly installed and inspected.
- B. Verify that structural supports are level and of adequate strength to support the applied loads.
- C. Verify opening dimensions prior to release of material for fabrication and assembly.
- D. Notify Architect of unsatisfactory conditions that may exist.

3.2 PREPARATION

- A. Clean surfaces prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer.

3.3 INSTALLATION

- A. Hardware Supply and GC is to review installation instructions with the installers, at the jobsite, before beginning work.
- B. Install in accordance with manufacturer's instructions.
- C. Install hardware level, plumb, sure, true and straight.
- D. Adjust hardware as necessary to ensure smooth, quiet, and effortless operation and safety.
- E. Clean track and hardware surfaces before hanging sliding doors.

3.4 PROTECTION

- A. Protect installed products for the duration of the project until it is turned over to the owner.
- B. A copy of each installation instructions and any leftover hardware shall be turn over to the owner.

END OF SECTION

HARDWARE SETS: