

# Hettich Grant

## SECTION 08710 SLIDING AND FOLDING DOOR HARDWARE

### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

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

# Hettich Grant

## 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](http://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 AND WALL HARDWARE I BEAM TRACK SYSTEM.

- A. Hardware for Sliding Pocket or Bi-parting Doors 150 lbs capacity: Commercial Grade 1, Aluminum I beam track with jump proof design; 4 wheel carrier, galv. steel with ball bearing nylon wheels; lock nut to hold top plate or apron to carrier; rocker arm with floating alignment.
  - 1. Grant model 71-138: for 1 3/8 doors; 1 hdw. set for pocket, 2 hdw. sets for Bi-parting; Track length as required.
  - 2. Grant model 71-111: for 1 3/8 or 1 3/4 doors ; 1 hdw. set for pocket, 2 hdw. sets for Bi-parting; Track length as required.
  - 3. Grant model 71-222: for 1 3/8 doors; 1 hdw. set for pocket, 2 hdw. sets for Bi-parting; Track length as required.
- B. Hardware for Sliding By-passing Doors 150 lbs capacity: Commercial Grade 1, Aluminum I beam double track with jump proof design; 4 wheel carrier, galv. steel with ball bearing nylon wheels; lock nut to hold top plate or apron to carrier; rocker arm with floating alignment.
  - 1. Grant model 72-138: for 1 3/8 doors; 1 hdw. set per leaf; Track length as required.
  - 2. Grant model 72-134: for 1 3/4 doors ; 1 hdw. set per leaf; Track length as required.
- C. Hardware for Sliding By-passing Doors 150 lbs capacity: Commercial Grade 1, Aluminum I beam double track with jump proof design and fascia; 4 wheel carrier, galv. steel with ball bearing nylon wheels; lock nut to hold top plate or apron to carrier; rocker arm with floating alignment.
  - 1. Grant model 73-138: for 1 3/8 doors; 1 hdw. set per leaf; Track length as required.
  - 2. Grant model 73-134: for 1 3/4 doors; 1 hdw. set per leaf; Track length as required.
- D. Hardware for Sliding Pocket, Bi-parting & By-passing Doors or wall panel's 225 lbs capacity: Commercial Grade 1, Aluminum I beam track with jump proof design; 2 wheel carrier, galv. steel with ball bearing nylon wheels; lock nut to hold top plate to carrier.
  - 1. Grant model 1210: for doors or panel; 1 hdw. set for pocket, 2 hdw. sets for Bi-parting or By-passing; Track length as required.
  - 2. For By-passing application, mount single tracks in parallel to each other
- E. Hardware for Sliding Pocket, Bi-parting & By-passing Doors or wall panels 325 lbs capacity: Commercial Grade 1, Aluminum I beam track with jump proof design; 4 wheel carrier, galv. steel with ball bearing nylon wheels; lock nut to hold top plate to carrier; rocker arm with floating alignment.
  - 1. Grant model 1230: for doors or wall panels; 1 hdw. set for pocket, 2 hdw. sets for Bi-parting or By-passing; Track length as required.

## Hettich Grant

2. For By-passing application, mount single tracks in parallel to each other.
- F. Hardware for Bi-folding Doors 175 lbs capacity: Commercial Grade 2, Aluminum I beam track with jump proof design; 4 wheel carrier, galv. steel with ball bearing nylon wheels; lock nut to hold top plate to carrier; rocker arm with floating alignment top and bottom pivot
1. Grant model 1262: for doors or panels; 2 door (one way track & hardware); Track length as required.
  2. Grant model 1264: for doors or panels; 4 door (two way track & hardware); Track length as required.
  3. Optional floor guide and roller as noted in hardware sets.
- G. Accessories: Provide all components recommended by hardware manufacturer or required to achieve a complete installation.
- H. Fasteners: Provide all fasteners required, of 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:**

GCI 010511