

SECTION 08 71 91

BARN DOOR HARDWARE

1. GENERAL
   * + 1. SECTION INCLUDES
          1. Provide track and hardware for sliding door systems, including:

Enclosed barn door hardware.

* + - 1. RELATED SECTIONS
         1. Section 06 10 00 – Rough Carpentry.
      2. SUBMITTALS
         1. Submit under provisions of Section 01 30 00.
         2. Product Data:

Manufacturer’s data sheets and instructions.

Storage requirements and handling recommendations.

* + - * 1. Shop Drawings: Submit details of construction and adjacent structures. Provide reference measurements in compliance with manufacturer’s specifications.
        2. Closeout Submittals:

Operation and maintenance data.

Provide any specific tools required for owner’s adjustments.

* + - 1. QUALITY ASSURANCE
         1. Manufacturer: Minimum of 5 years of experience manufacturing similar products.
         2. Installer: Minimum of 2 years of experience installing similar products.
         3. Preparation: Coordinate preparation of adjacent construction and field measurements to ensure proper support and installation.
      2. DELIVERY, STORAGE AND HANDLING
         1. Products and materials are to be delivered in unopened factory labeled packages. Accessories are to be delivered together with door hardware. Store and handle according to manufacturer's instructions and recommendations and with obedience to general best practices.

1. PRODUCTS
   * + 1. MANUFACTURER
          1. FALKENSTEIN (dba, Bartels USA, Inc.), 1901 Tigertail Blvd, FL-33004, 786-791-8557, [sales@falkenstein-doors.com](mailto:sales@falkenstein-doors.com), falkenstein-doors.com
          2. No substitutions permitted.
          3. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
       2. BARN DOOR HARDWARE
          1. Barn Door Track: BOXtrack lite with the following characteristics:

Enclosed barn door hardware including end caps with wood or frameless glass mounting hardware

Length: 78 ¾”; can be cut to size

Track: 2-5/16” (57.8 mm) x 2-9/16” (64.8 mm)

Door width: Variable, min. 21 ⅝” (550 mm)

Includes ball bearing carriages with a capacity of 143 lb (65 kg), tested for a min. of 100,000 cycles at full weight capacity

Material: Extruded aluminum with stainless steel look or black anodized finish

Door thickness:

Wood doors: 1” to 1-¾” inches (25 to 45 mm)

Frameless glass doors: ⅜“ (10 mm)

Wood door mounting hardware with concealed floor guide / Glass clamps with color matched floor guide

With hold-in-place stoppers or double soft close (min. 25 ⁹⁄₁₆” door width)

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| --- | --- | --- |
| Acceptable mfg.: | | Falkenstein NA |
| a. | Enclosed barn door track for wood and frameless glass, with double Soft-Close –143 lb | BOXtrack lite |

1. EXECUTION
   * + 1. EXAMINATION
          1. Be sure that adjacent and supporting structures are constructed to bear the load of the system and door to be installed.
          2. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.
       2. PREPARATION
          1. Clean surfaces thoroughly prior to installation.
          2. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
       3. INSTALLATION
          1. Install products in strict accordance with manufacturer’s instructions, approved submittals and in proper relationship with adjacent construction.
          2. Install hardware level, plumb, sure, true and straight.
          3. Clean track and hardware surfaces before hanging sliding doors.
          4. Test for proper operation and adjust until satisfactory results are obtained. Replace units which do not operate properly.
       4. Protection
          1. Protect installed products until completion of project.
          2. Clean surfaces to remove soiling, stains, dust, and dirt using materials acceptable to manufacturer.

END OF SECTION