**Unifold 1500 Accordion Door**

**Part 1 - General**

1.01 DESCRIPTION

 A. General

 1. Furnish and install accordion doors and track system. Provide all labor, materials, tools, equipment, and services for accordion doors in accordance with provisions of contract documents.

1.02 RELATED WORK BY OTHERS

 A. Preparation of opening will be by General Contractor. Any deviation of site conditions contrary to approved shop drawings must be called to the attention of the architect.

 B. All header, blocking, support structures, jambs and track enclosures as required by the manufacturer on the shop drawings.

 C. Support structure in accordance with approved shop drawings.

 D. Paint or otherwise finishing all trim and other materials adjoining head and jamb of accordion doors.

1.03 SUBMITTALS

 A. Complete shop drawings are to be provided prior to fabrication indicating construction and installation details. Shop drawings must be submitted within 60 days after receipt of signed contract.

1.04 PRODUCT DELIVERY, STORAGE, AND HANDLING

 A. Proper storage of accordion doors before installation, and continued protection during and after installation will be the responsibility of the General Contractor.

1.05 WARRANTY

 A. Accordion doors shall be guaranteed for a period of two years with track and trolleys guaranteed for a period of ten years. This guarantee is against defects in material or workmanship of manufacturer’s product.

**Part 2 - Products**

2.01 MANUFACTURERS

 A. Manufacturers: Subject to compliance with requirements, provide products by the following:

 1. Moderco Inc.

2.02 MATERIALS

 A. Product to be top supported Unifold 1500 accordion doors as manufactured by Moderco Inc.

 1. Door shall have an internal 14ga framing of cold rolled galvanized steel, riveted to form ‘’X’’ construction steel pantographs. Vertical steel channel posts shall support pantographs at each end of the door.

 2. Covers shall be continuous 5 ply laminated construction attached to pantographs. Vinyl or plastic hinges shall not be acceptable.

 3. Door closure shall be standard thumb turn latch.

 Optional:

 a. Dead Lock.

 b. Pendant pull.

 B. Weight of the accordion doors shall be 2.5 lbs./sq. ft. plus or minus 1 lb. [12 kg/sq.m] based on options selected.

 C. Suspension system:

 1. Track shall be clear anodized tempered aluminum *(select)* surface *or* recessed mounted. *or*

 Optional:

 Track shall be recessed made of clear anodized tempered aluminum with soffit trim of clear anodized aluminum providing a transition to the ceiling.

 a. Accordion doors shall be supported by an adjustable 4-wheel trolley at lead post to facilitate alignment to the wall jamb. Intermediate support shall be 2-wheel trolleys spaced at 28” (700mm). Wheels to be of hardened steel ball bearings encased with nylon tires.

 D. Finishes

 1. Accordion door finish shall be: (select as required)

 a. Factory applied reinforced vinyl wall-covering with woven backing, weighing 21 oz. or more per lineal yard [545 g/m]. Color shall be selected from manufacturer’s standard color selector. *or*

 b. Standard up-grade finishes (color shall be selected from manufacturer’s standard color selector):

 (1) Factory applied vertical ribbed carpet.

 (2) Factory applied 100% polyolefin stain resistant fabric. *or*

 Optional:

 (1) C.O.M. / Customer’s Own Material; Customer supplied & factory applied (requires factory approval for manufacturing compatibility)

 (2) C.S.M. / Customer’s Specified Material; Factory supplied & factory applied (requires factory approval for manufacturing compatibility)

 2. Aluminum parts of the door color shall be clear anodized. *or*

 Optional:

 a. Custom Anodized (optional upgrade)

 b. Custom Color Painted (optional upgrade)

 3. Aluminum track shall be clear anodized. *or*

 Optional:

 a. Custom Anodized (optional upgrade)

 b. Custom Color Painted (optional upgrade)

 E. Accessories/Options

 1. Sliding panel. (pocket only)

 2. Rolling post.

 3. Curved track. (42” (1070mm) radius only)

 4. Glide switch. (with curved track and recessed track only)

 5. “L” type lead post (select one) attached, or free rolling.

 6. “T” type lead post (select one) attached, or free rolling.

 7. “X” type lead post (select one) attached, or free rolling.

2.03 OPERATION

 A. Accordion doors shall be manually operated, top supported, (select one) single, or paired as indicated on the drawings.

**Part 3 - Execution**

 A. Installation.

 1. The complete installation of the accordion door shall be by an authorized factory-trained installer and be in strict accordance with the approved shop drawings and manufacturer’s standard printed specifications, instructions, and recommendations.

 B. Cleaning

 1. All track and panel surfaces shall be wiped clean and free of handprints, grease, and soil.

 2. Packing and other installation debris shall be removed from the job site.

 C. Training

 1. Installer shall demonstrate proper operation and maintenance procedures to owner’s representative.

 2. Owner’s manuals shall be provided to owner’s representative.