

Fabricwal®

PRODUCT SPECIFICATIONS: SECTION 10650 - ACOUSTICAL FOLDING PARTITIONS

PART 1 GENERAL

(Scope, Related Work, References, Submittals and Delivery/Handling paragraphs per project requirements.)

PART 2 PRODUCTS

- 2.1 ACCORDION PARTITION** shall be Fabricwal (specify: manually; or electrically operated) as manufactured by Panelfold, Inc., Miami, Florida USA and installed by an authorized representative in openings prepared by others to Fabricwal requirements.
- 2.2 ACOUSTICAL RATING** as tested by an independent acoustical laboratory in accordance with ASTM E90-85 test procedures in a full scale 14'0" (4267) by 9'3" (2819) opening shall be (specify: STC 40; STC 39; or Non Acoustical.)
- 2.3 ACOUSTICAL TREATMENT.** STC 40 and STC 39 models shall have continuous vinyl sweep seal installed both sides, fixed at top and adjustable at bottom; formed steel insulating panels, continuously lined with acoustical membrane, deep-nesting end posts with sound seals, and positive latch.
- 2.4 FRAMEWORK** shall be formed 16 gauge steel pantograph hinge plates welded to 3/16" diameter steel rods. Install a single row top and bottom at 42" intervals of height. Install double row at top over 12'1" high. Steel alloy carrier pendant shall be suspended from reinforced hinge channel.
- 2.5 COVERS** of heavy duty, Class "A" flame spread rated (specify: vinyl with 100% polyester backing; wall carpet; or polyolefin panel fabric) shall be steel leaf fastened to the frame and connected with invisible fasteners. Colors to be selected from manufacturer's standards.
- 2.6 TRACK** shall be heavy duty extruded aluminum (with integral Ceilingshield™ for recessed track applications). Two ball-bearing wheels shall be installed at every other volute and four wheels at each end post.

- 2.7 END POSTS** of vinyl fabric, carpet, or panel fabric covered 16 gauge (1.6mm) formed steel shall have deep-nesting (specify: natural anodized; or ESP Bronze) aluminum nose with 3/8" (10mm) diameter holes to release trapped air; Gripull™ handles, automatic latches and jamb mould.
- 2.8 HARDWARE:** Partitions shall have deluxe Gripull handles and automatic latches and jamb mould for jamb closure (specify: bronze ESP; or natural anodized). Security units shall be as specified: Privacy lock one side only; cylinder lock one side only; Cylinder lock one side, privacy lock other; Cylinder lock two sides. Optional. Master-keyed cylinder lock by others shall be installed in lieu of regularly furnished cylinder.
- 2.9 CURVED TRACK, SWITCHES AND MULTIPLE MEETING POSTS:** Furnish to effect room division as detailed on the plans. Minimum radius 3'0" (914mm).
- 2.10 STACK FORMULA:** (Approx.) 2"/ft. (167mm/m) plus 4" (102mm) for each end post. Add 2" (51mm) for electrical operation.
- 2.11 HANGING WEIGHT:** (Approx.) STC 40, 5.5 lbs./ft² (27kg/m²); STC 39, 5.0 lbs./ft² (23kg/m²); Non-acoustical, 2.0 lbs./ft² (10kg/m²).

PART 3 EXECUTION

(See Project Specifications Guide for Execution, Inspection, Preparation, Installation, Cleaning and Demonstration paragraphs.)

- NOTE:** The ASTM - 84 procedure Class A flame spread and other test results referenced herein are for comparison purposes only and are not intended to reflect hazards presented by this or any other materials under actual fire conditions.

For further information, or additional technical information, contact your Panelfold distributor.

Panelfold®

FOLDING DOORS • ACOUSTICAL FOLDING PARTITIONS • ACOUSTICAL PANELS
OPERABLE WALLS • RELOCATABLE WALLS

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