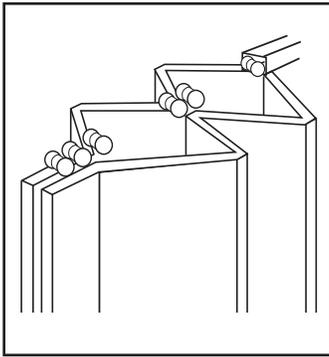


ACOUSTICAL FOLDING PARTITIONS
Panelfold® Fabricwal®

PRODUCT BRIEF



FEATURES.

Fabricwal, with beautiful soft covers installed on welded steel frames, feature aluminum track, ball-bearing wheels, positive latches and jamb mould, and manual or electrical operation. Heights to 13' 1" (3988).

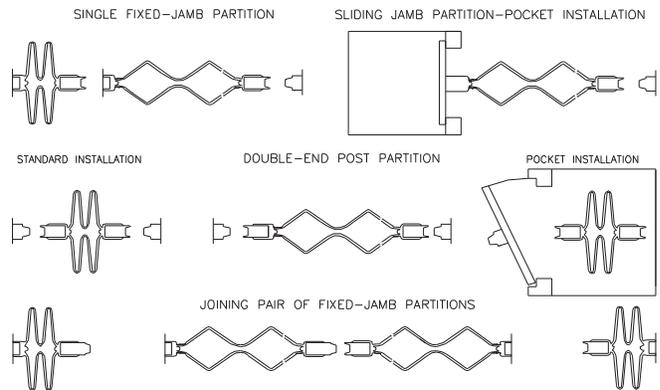
ACOUSTICAL PERFORMANCE.

Fabricwal accordion partitions have attained ratings of STC 40 and STC 39.

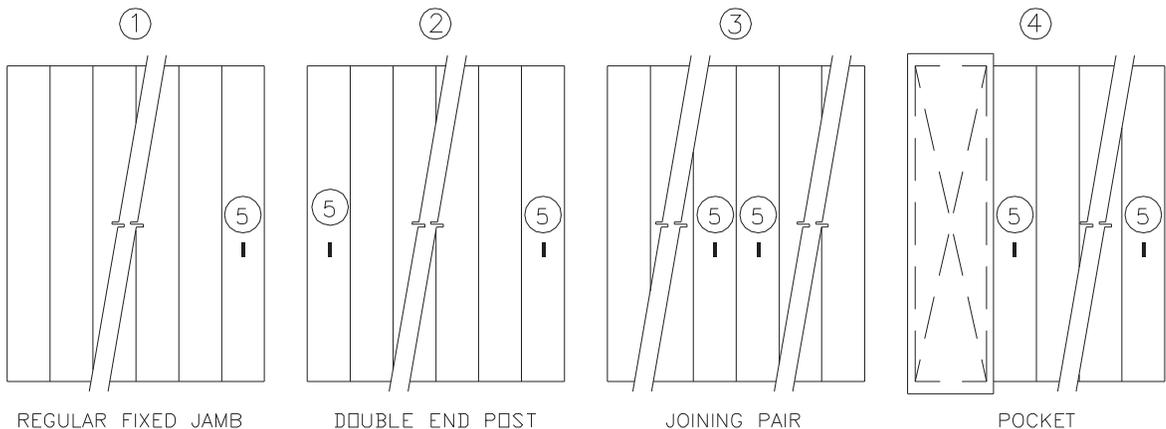
FINISHES. A full range of vinyl coated fabrics, wall carpet, and polyolefin panel fabric, is offered. Color selectors are available.

TYPES OF APPLICATIONS

See pages 2 - 5 for details.



ELEVATIONS



APPLICATIONS DESCRIPTIONS
 See page 6 for Product Specifications

- ① REGULAR FIXED-JAMB partitions may be permanently attached at either jamb for single openings. If security features are to be used, either right-hand or left-hand stack should be specified with the security type (cylinder, privacy turn or emergency release) to be installed on the face or reverse side of the partitions indicated on the drawings.
- ② DOUBLE END POST partitions may be latched at both jambs and may be stacked at either end of the opening. Double End partitions partitions may be used for single openings; joining pairs; or for multiple units in one opening. Double End Post partitions can be pocket recessed and must be specified if curved switches are installed.
- ③ JOINING PAIR OF FIXED-JAMB partitions may be permanently attached at both jambs for single openings.
- ④ POCKET RECESSED partitions may be supplied with a Double End Post or a Sliding Jamb for single openings or for joining pairs of partitions.
- ⑤ SECURITY FEATURES may be installed to prevent opening of the partitions with keyed cylinders (standard or optionally master-keyed), privacy turns or emergency (coin-slot) releases.

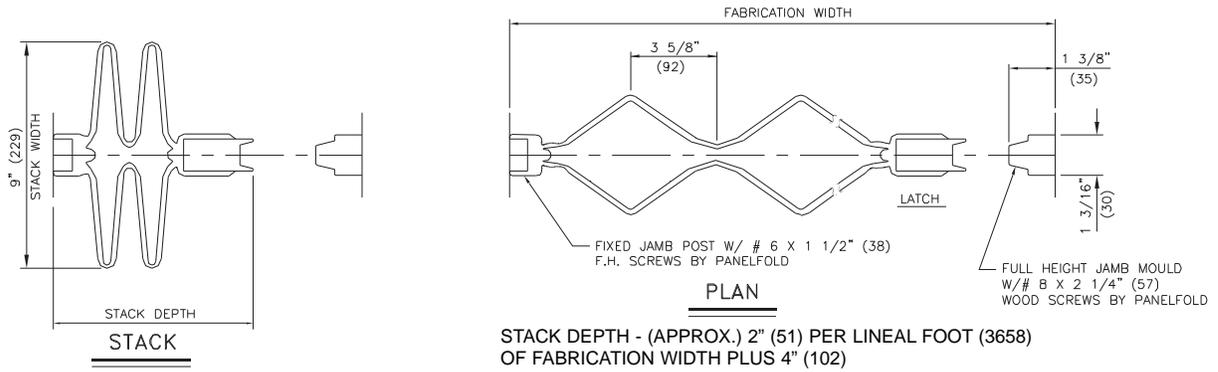
FURTHER INFORMATION. All dimensions shown in parentheses are millimeters. Scale N.T.S.



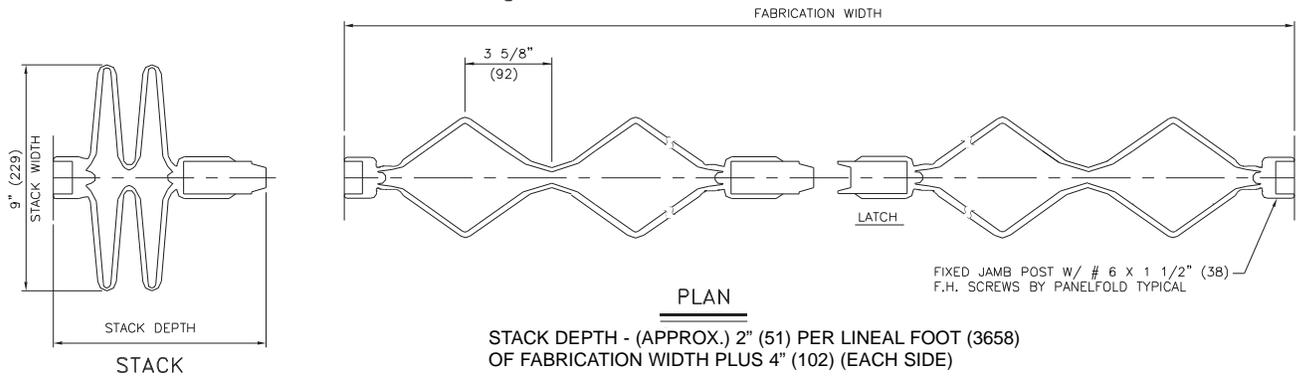
Fabricwal®
Acoustical Folding Partitions

APPLICATIONS DETAILS

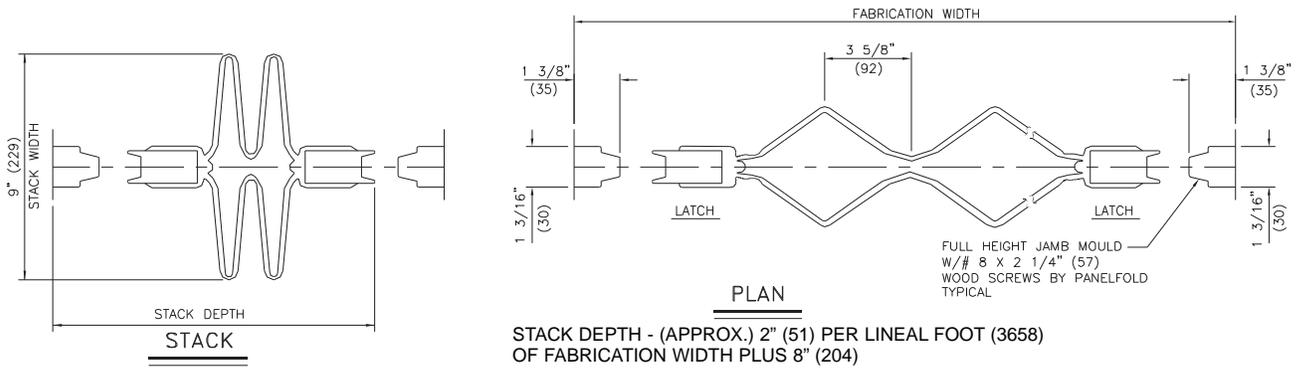
Single Fixed-Jamb Partition



Joining Pair Of Fixed-Jamb Partitions



Double-End Post Partition

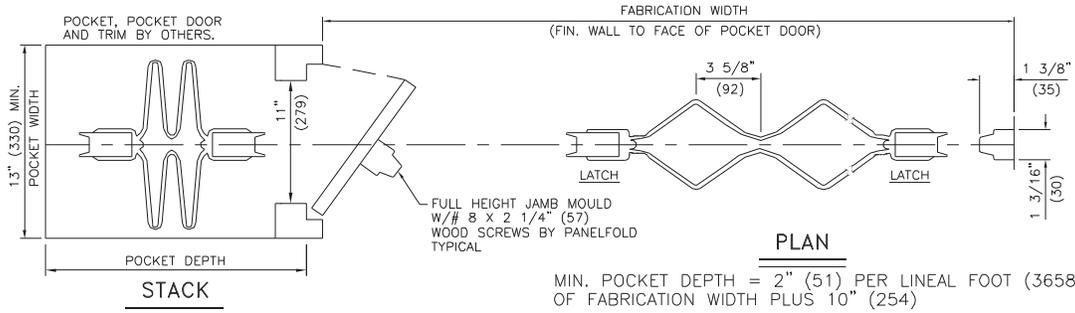




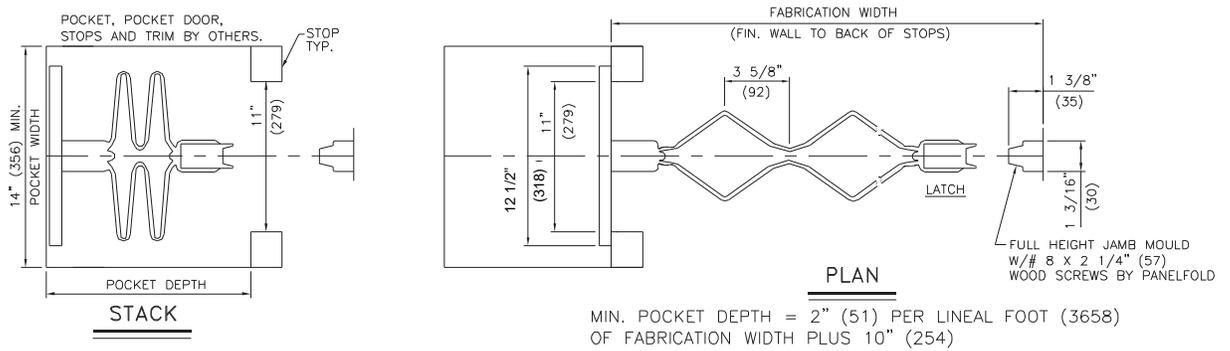
Fabricwal® Acoustical Folding Partitions

APPLICATIONS DETAILS

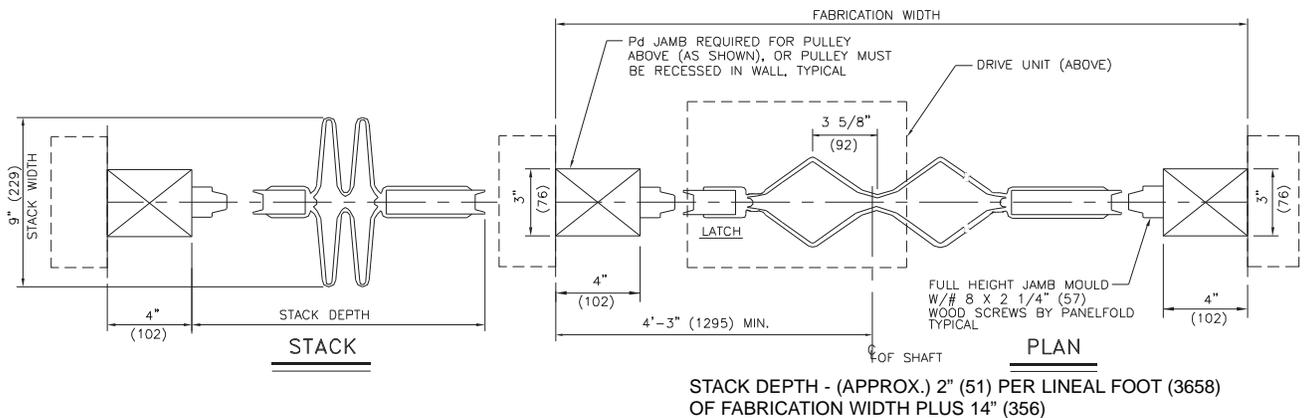
Double End Post Partition—Pocket Installation



Sliding Jamb Partition—Pocket Installation



Double End Post Partition (Electric)

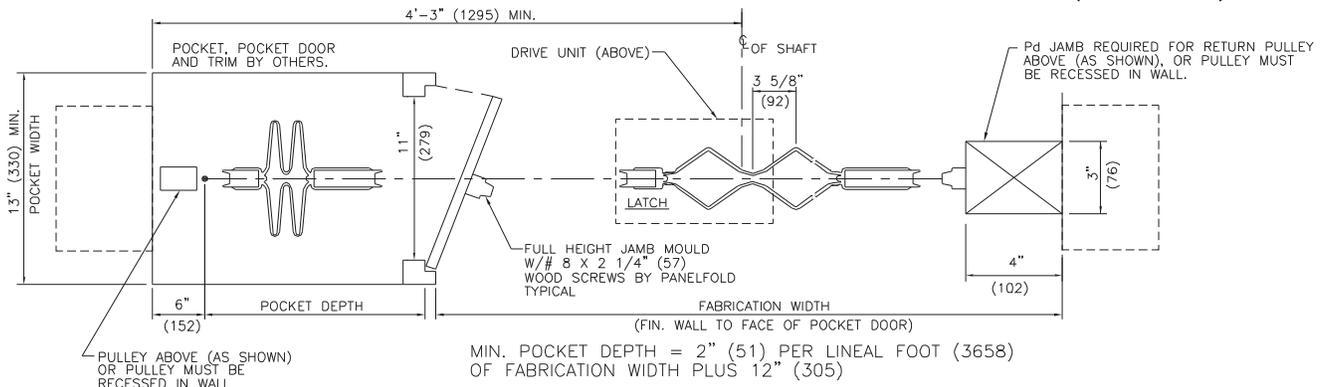




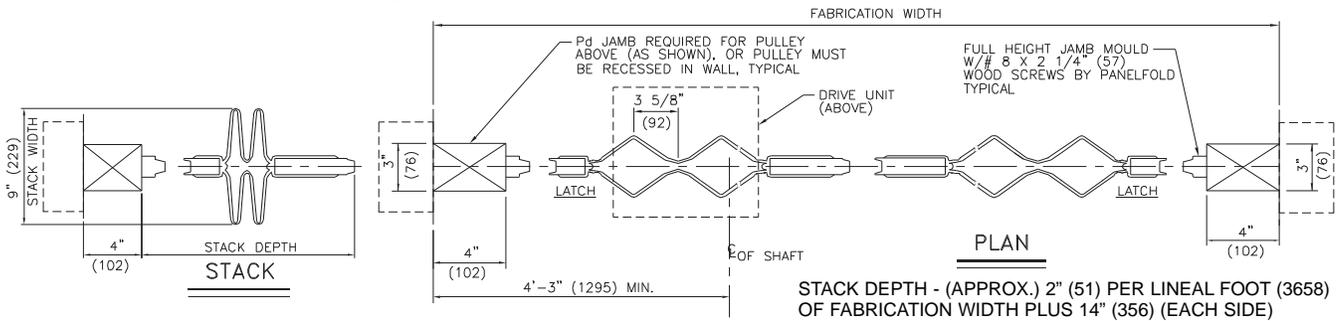
Fabricwal® Acoustical Folding Partitions

APPLICATIONS DETAILS

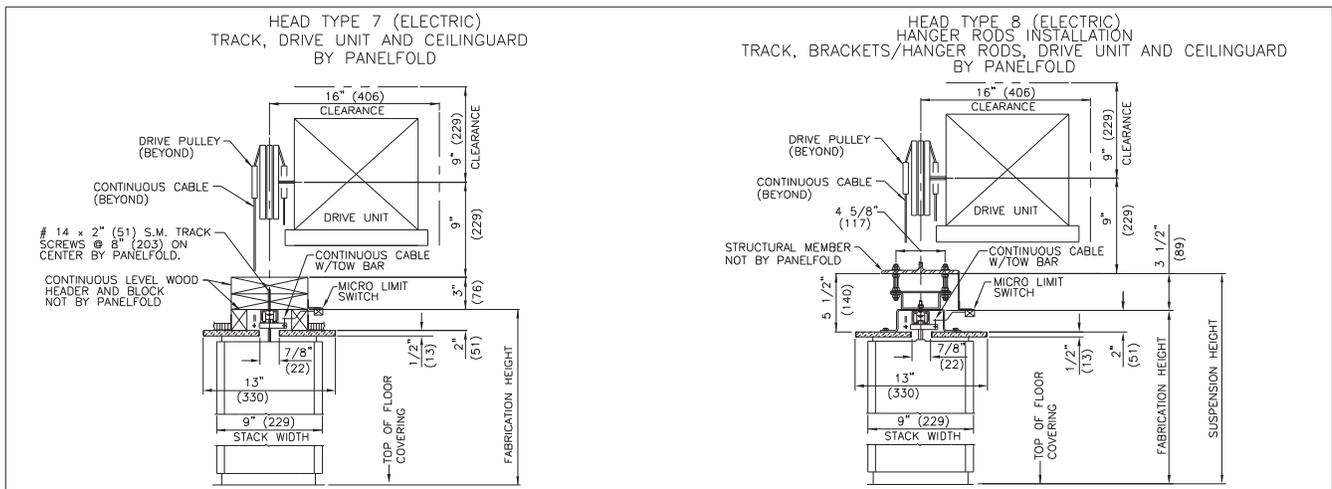
Double End Post Partition—Pocket Installation (Electric)



Joining Pair Of Double End Post Partitions (Electric)



VERTICAL SECTION—HEAD DETAILS—ELECTRIC OPERATION

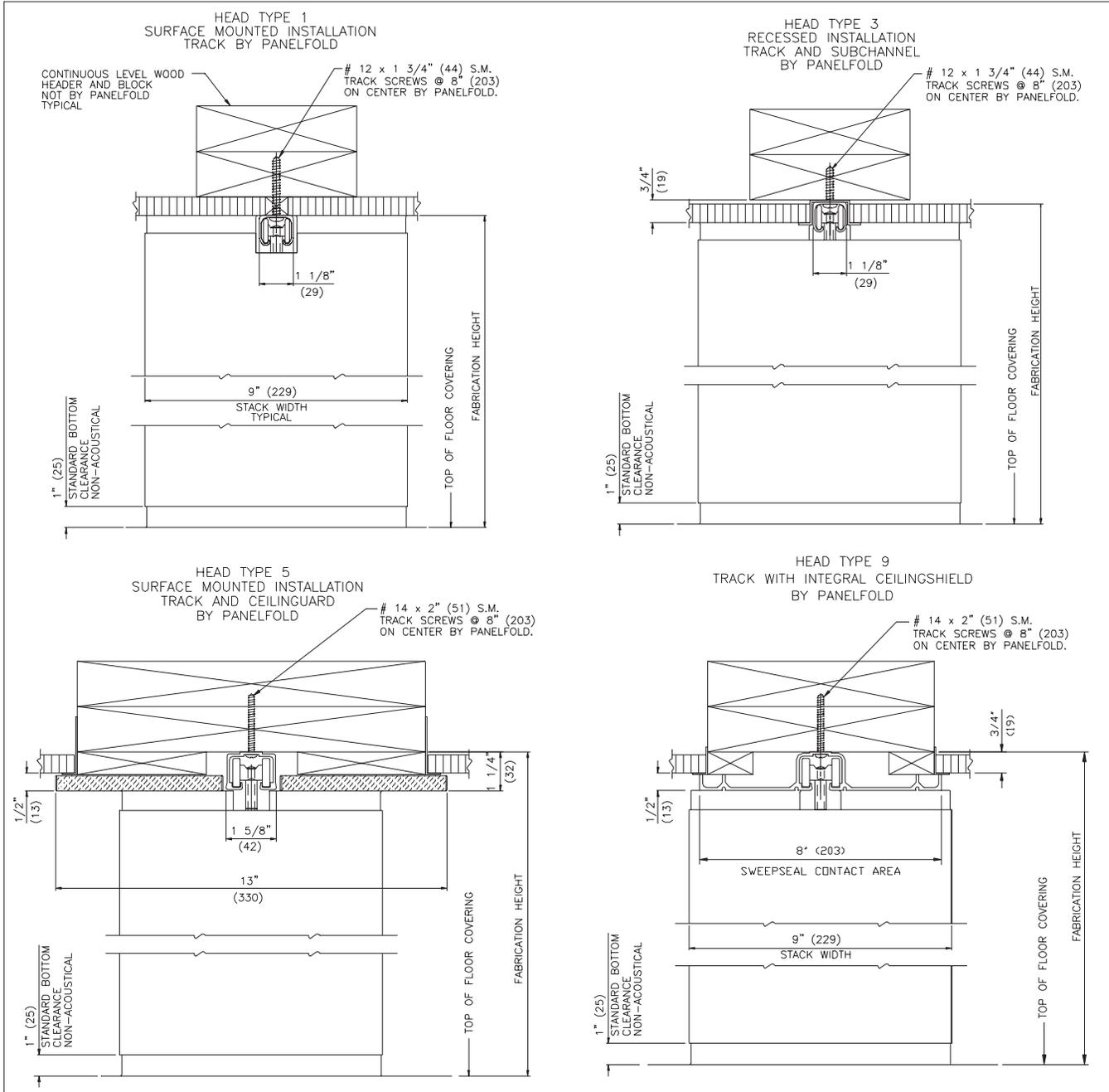


All dimensions shown in parentheses are millimeters. Scale: N.T.S.



Fabricwal® Acoustical Folding Partitions

VERTICAL SECTION—HEAD DETAILS—MANUAL OPERATION



All dimensions shown in parentheses are millimeters. Scale: N.T.S.

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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
OPERABLE WALLS • RELOCATABLE WALLS

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