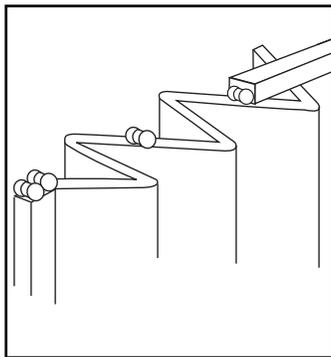


ACOUSTICAL FOLDING PARTITIONS
Panelfold® Scale/12®



PRODUCT BRIEF



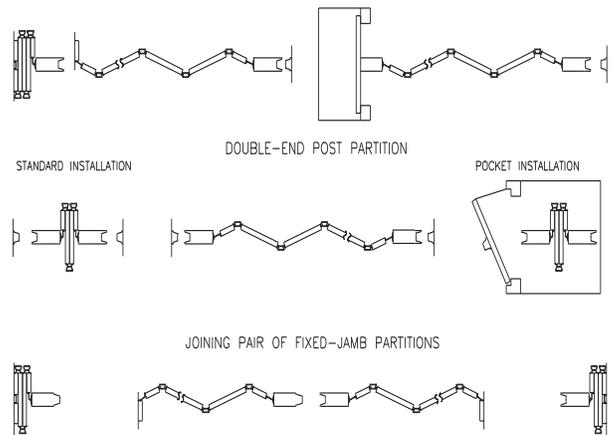
FEATURES.
Scale/12, with 12" (305) wide laminated wood panels, feature Memory Action[®] vinyl hinges, aluminum track, ball-bearing wheels, positive latches and manual or electrical operation. Heights to 18'1" (5512).

ACOUSTICAL PERFORMANCE.
Scale/12A acoustical wood folding partitions have attained a rating of STC 30.

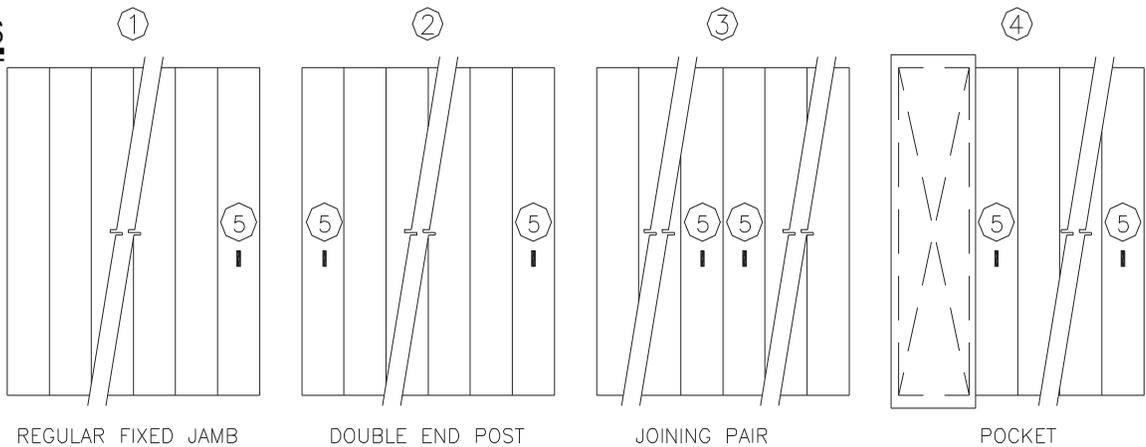
PANEL FINISHES. A full range of vinyl, wood veneers, wall carpet and high pressure plastic laminate is offered. Color selectors are available.

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 Post 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.

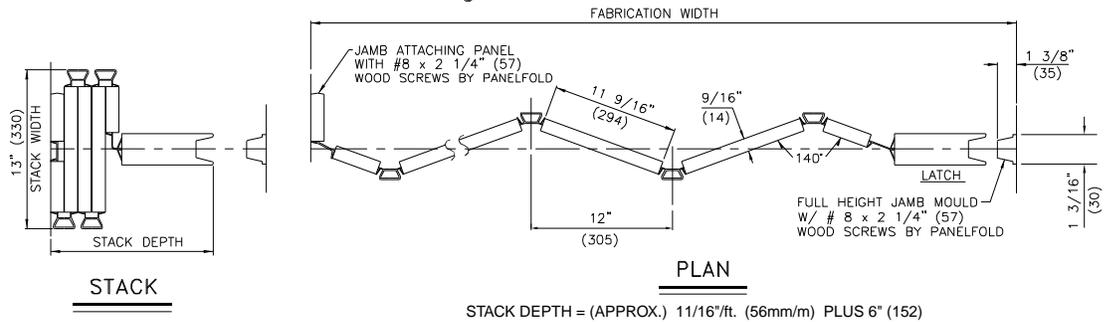
FURTHER INFORMATION. All dimensions shown in parentheses are millimeters. Scale N.T.S.



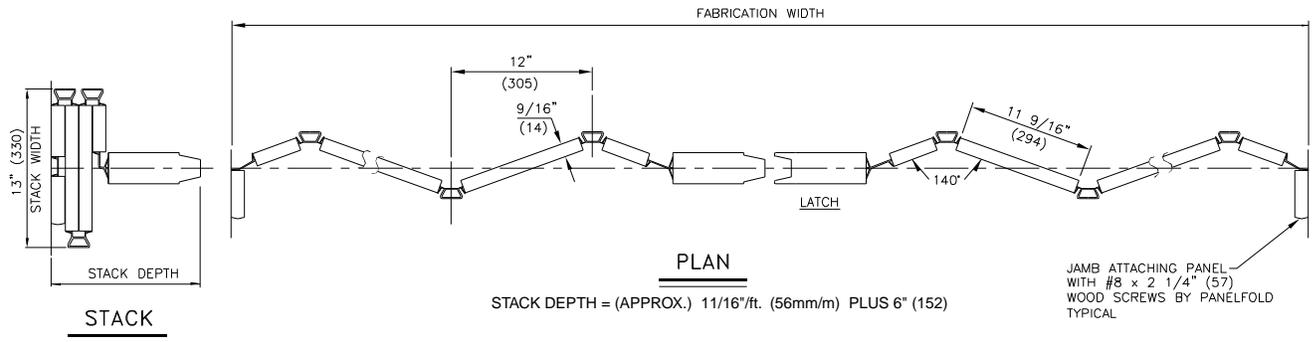
Scale/12[®] Acoustical Folding Partitions

APPLICATIONS DETAILS

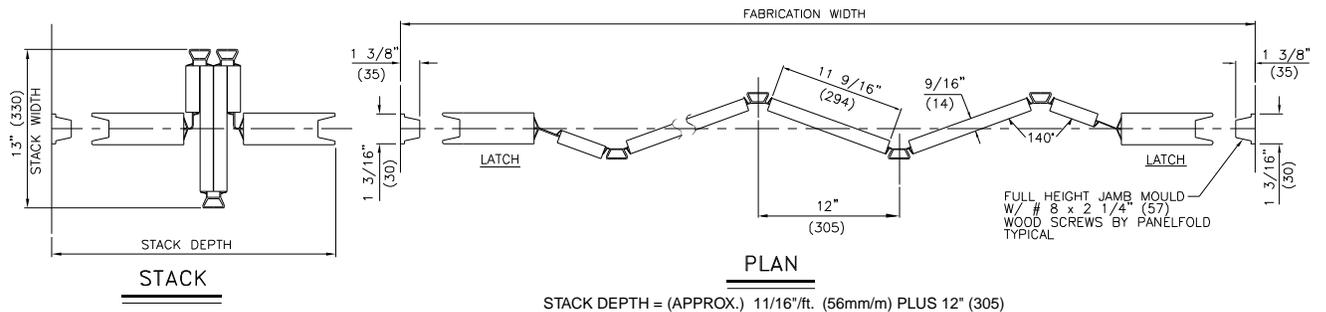
Single Fixed-Jamb Partition



Joining Pair Of Fixed-Jamb Partitions



Double-End Post Partition

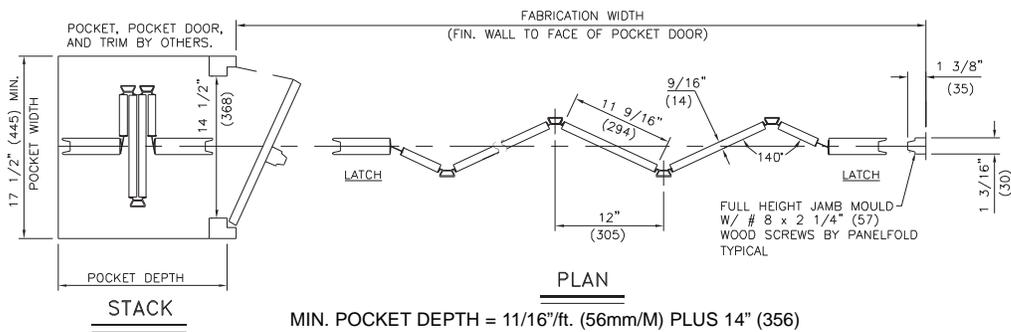




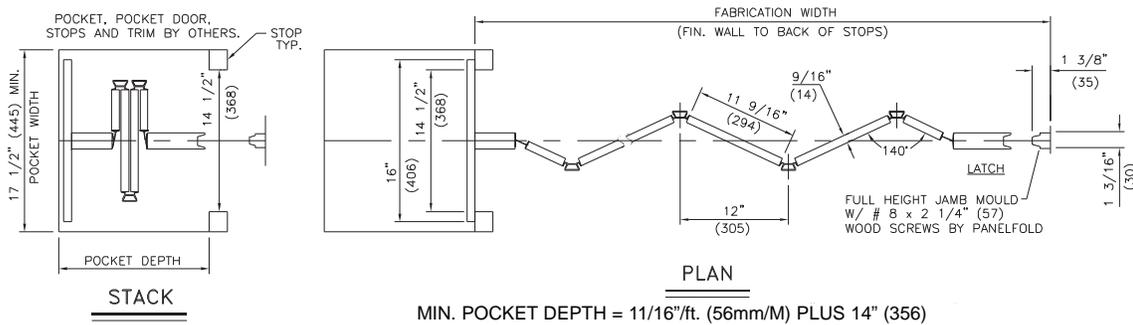
Scale/12[®] Acoustical Folding Partitions

APPLICATIONS DETAILS

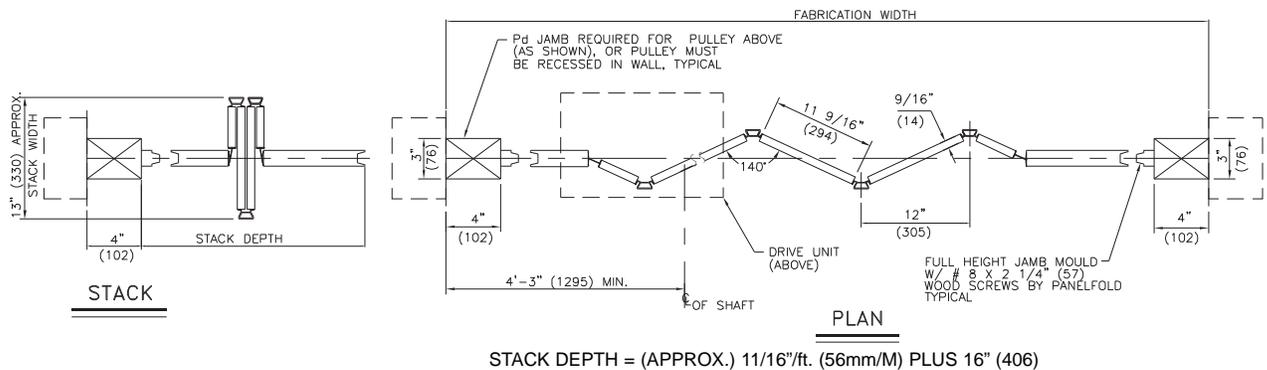
Double End Post Partition—Pocket Installation



Sliding Jamb Partition—Pocket Installation



Double End Post Partition (Electric)

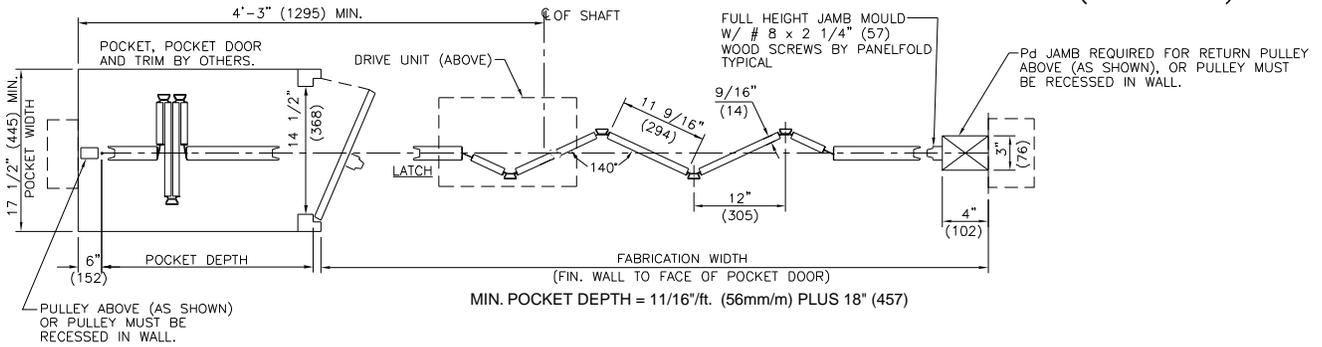




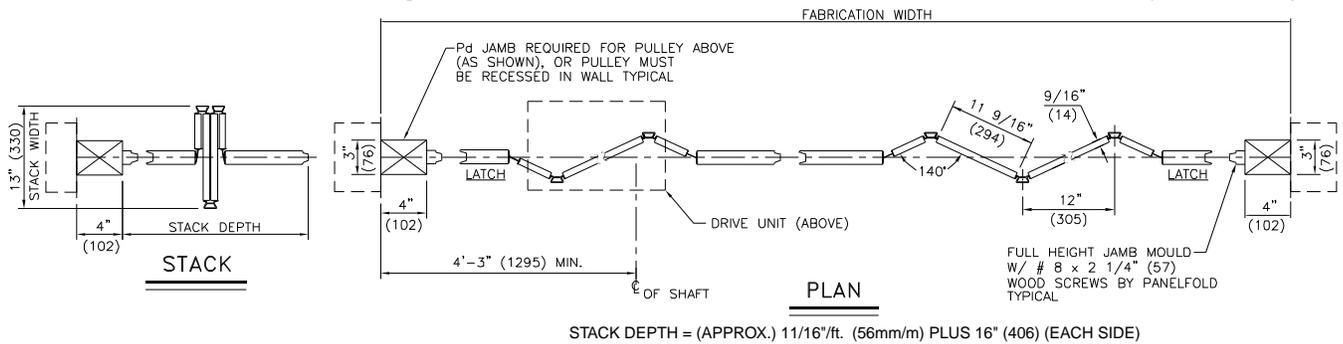
Scale/12[®] Acoustical Folding Partitions

APPLICATIONS DETAILS

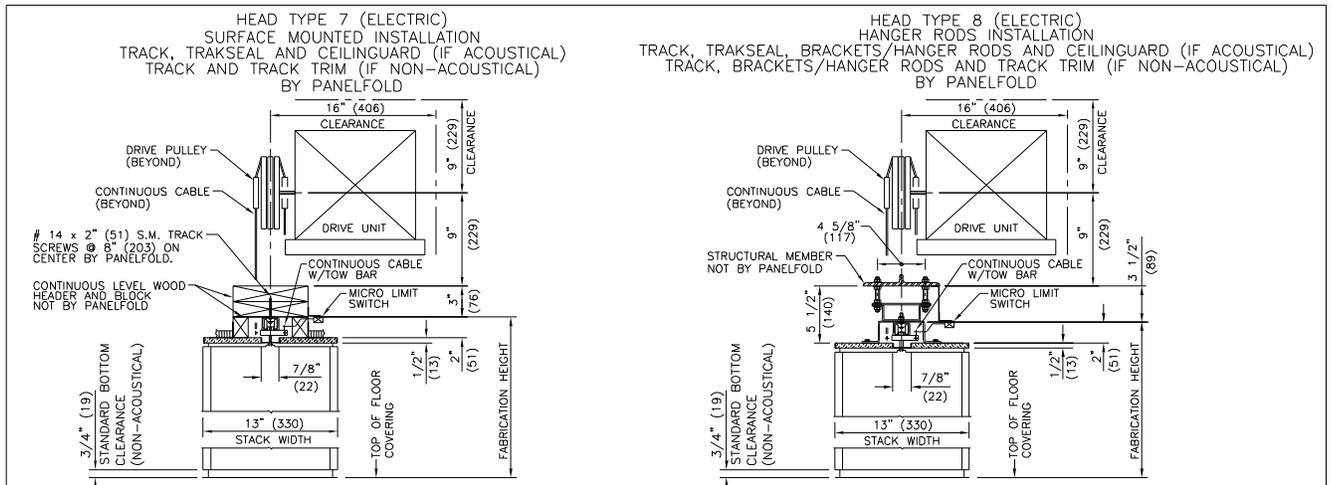
Double End Post Partition—Pocket Installation (Electric)



Joining Pair Of Double End Post Partitions (Electric)



VERTICAL SECTION—HEAD DETAILS—ELECTRIC OPERATION



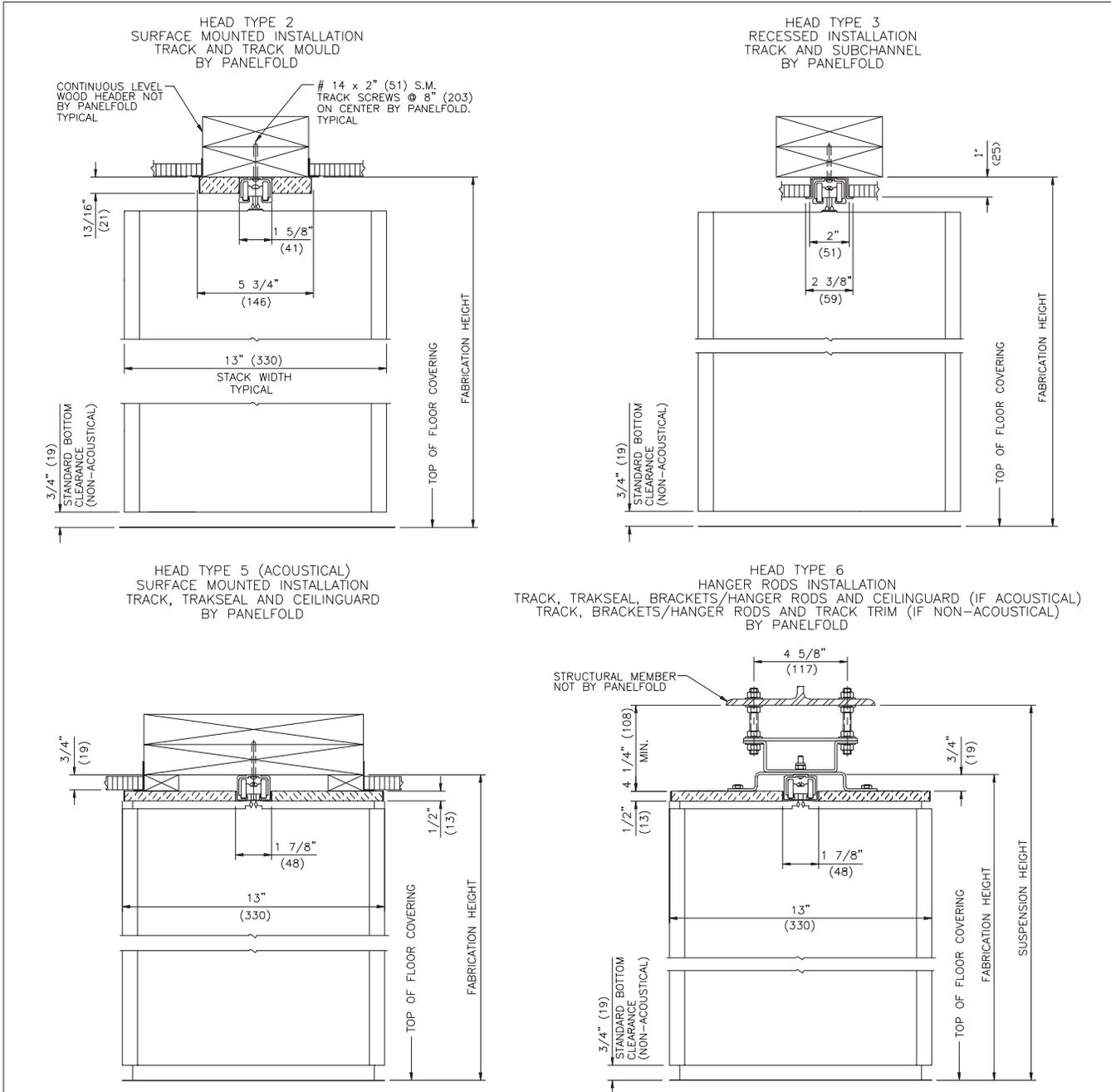
All dimensions shown in parentheses are millimeters. Scale: N.T.S.



Scale/12[®]

Acoustical Folding Partitions

VERTICAL SECTION—HEAD DETAILS—MANUAL OPERATION



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

Scale/12®

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 FOLDING PARTITIONS shall be (specify: acoustical Scale/12 A, STC 30; or non-acoustical; and, manually; or electrically operated) as manufactured by Panelfold, Inc., Miami, Florida USA and installed by an authorized representative of the manufacturer in openings prepared by others to Scale/12 (A) requirements.

2.2 ACOUSTICAL TREATMENT (required option for Scale/12 A, STC 30) shall consist of extruded vinyl Sonicsweep seals installed top and bottom, Ceilingguard head trim, extruded vinyl Trakseal track closure, vertical end post seals, and positive latch.

2.3 TRACK AND HANGERS: Track shall be heavy duty extruded aluminum. Two ball-bearing wheels shall be suspended on alternate panels and four on each end post.

2.4 PANEL SURFACES: Panels shall be specially laminated engineered wood core, bonded with water-resistant, plastic glue and surfaced with one of the following Colors to be selected from manufacturer's standards):

2.4.1 Woodtex® wood grain vinyl, Class A flame spread.

2.4.2 Startex® solid color vinyl, Class A flame spread.

2.4.3 Fabrictex® fabric textured vinyl, Class A flame spread.

2.4.4 Ropetex® rope textured vinyl, Class A flame spread.

2.4.5 Genuine wood veneer shall be (specify: clear lacquer finished; unfinished, sanded ready for field finishing by others; factory specially finished to match owner's submitted sample) species as specified: White Ash; Red Oak; Natural Birch; White Maple; or American Walnut.

2.4.6 High pressure plastic laminate, vertical grade.

2.4.7 Ribtex® vertical rib wall carpet, Class A flame spread.

2.4.8 Woventex® III panel fabric, Class A, acrylic/latex backed.

2.5 DECORATIVE ACCENTS: Optional carved design shall be provided (specify: one; or both sides).

2.6 CONNECTOR HINGES: Panels shall be hinged and edge sealed against sound, light and air transmission with heavy-duty, dual-wall, flame-resistant, extruded vinyl. Hinges shall be securely locked into and protect the panel edges. They shall provide "Memory-Action" causing panels to extend and stack equally, smoothly and quietly. Color from manufacturer's selector.

2.7 TRIM: Non-acoustical partitions shall be supplied with track mould to conceal track or extruded aluminum sub-channel for recess track. For acoustical partitions, see "Acoustical Treatment", paragraph 2.2.

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 FIRE RETARDANCY: (Optional) Where specified, panels shall be made up of fire retardant cores (ASTM E84-70 laboratory tunnel tested with 20 flame spread, 15 fuel contributed, 15 smoke developed).

2.10 CURVED TRACK, SWITCHES, AND MULTIPLE MEETING POSTS: Furnish to effect room division as detailed on the plans. Minimum radius 3'0" (914mm).

2.11 STACK FORMULA: (Approximately) 11/16"/ft. (56mm/m) plus 5" (127mm) for each end post, manually operated. Add 4" (102mm) for electrical operation.

2.12 HANGING WEIGHT: Approximately 3 lbs/ft² (15kg/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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