

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, Ceilinguard 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™ or Sandtex™ solid and multi-color vinyl, Class A flame spread.
- 2.4.3 Fabrictex® fabric or Hightex™ highly 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 laminate, vertical grade.
- 2.4.7 Ribtex® Basic vertical rib wall carpet, Class A flame spread.
- 2.4.8 Woventex® III panel fabric, Class A, acrylic/latex backed.

Panelfold products are manufactured and sold under Panelfold®, Modulflex®, Startex™, Fabrictex®, Ropetex®, Woodtex®, Ribtex®, Woventex®, Hightex™, Sandtex™, Echosorb™, Sheer Look®, Autoseal™ and Manuseal™ trademarks and U.S. and Canadian patents worldwide. All dimensions shown in parentheses are millimeters. Panelfold is constantly developing its products and reserves the right to change specifications and materials without notice. Copyright © 1997-2001 by Panelfold, Inc. All rights reserved. SA 493.05

- 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 Guide Specifications 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

Panelfold, Inc. P.O. Box 680130, Miami, Florida 33168
(305) 688-3501 • FAX: (305) 688-0185

Internet: www.panelfold.com • E-mail: sales@panelfold.com