

ARCHITECTURAL SOLUTIONS[®] 100

Features

- Ultra thin [1/8"] panels provide quick, simple, design sensitive interfaces at door frames, electrical outlets and moldings.
- Abuse-resistant, self-healing finishes convert any drywall surface into tackable display wall.
- Unique combination of abuse resistance and sound absorption provides ideal solution for converting gyms into multi-function rooms.
- Ultra strong, flexible panels span surface imperfections and drywall joints, eliminating time and expense required to tape and finish drywall.
- Extensive selection of standard fabrics, colors, textures and patterns.
- 2 Year Limited Warranty.



A Cost-Effective Renovation Solution Providing Acoustical Performance and Tackability

Conference Rooms, Gymnasiums, Corridors, Classrooms

Physical Data

Finish

- Guilford of Maine FR701[®] polyester fabrics
- Maharam Tek-Wall[®] 1000 polyolefin fabrics
- Omnova Web Core vinyl fabrics
- BGF Nubby glass cloth fabrics
- Hytex Whisper Tex non-woven polyester fabric
- Selected Arc-Com, Designtex, Gilford and Knoll finishes available
- Customer provided material

Edge

Square: [4] fabric wrapped edges

Mounting

- Construction Adhesive, Velcro[®]

Substrate

1/8" X 16-20pcf molded fiberglass tack board

Fire

- Core – Class A per ASTM E 84
- Fabrics – Class A per ASTM E 84
- Adhesive – Class A per ASTM E 84

Size

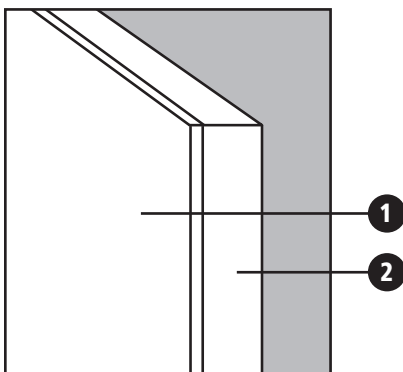
- Standard: 4' x 8', 4' x 10'
- Maximum: 5' x 10' (select finishes)
- Custom sizes also available

Sound Absorption

NRC Range .25 – .35 (Guilford of Maine fabric finish)

Frequency Band

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
.05	.26	.26	.24	.37	.65



1 Finish

2 Acoustical Core



PRODUCT SPECIFICATION DETAILS

ACOUSTICAL WALL PANELS

09841

PART 1: GENERAL

- 1.1 Scope - The work consists of furnishing all materials, labor and accessories necessary to install Architectural Solutions® 100 Acoustical Wall Panels as shown on the drawings and specified herein.
- 1.2 Delivery and Storage - All materials shall be delivered in their original unopened cartons and stored in an enclosed area providing protection from damage and exposure to the elements. Cartons shall be stored flat and not placed in direct contact with floors or walls. 24 hours prior to installation panels shall be stored at the temperature and humidity conditions present during installation and occupancy.

PART 2: PRODUCTS

2.1 MATERIAL

- 2.1.1 Architectural Solutions® 100 Acoustical Wall Panels manufactured by BPB
- 2.1.2 Panels shall be 1/8" thick 16-20pcf fiberglass tackboard 48" [____"] wide x [8'] [10'] [12'] [____'] long with square edges and covered in [Tek Wall® 1000 polyolefin fabric color #____] [Web Core vinyl coated fabric color #____] [Guilford of Maine FR701® Style 2100 polyester panel fabric color #____] [Whisper Tex non-woven polyester fabric pattern [Plisse', Coppersmith] color #____] [Nubby glass cloth color #____]
- 2.1.3 Panel, fabric and adhesive shall have a Flame Spread of 25 or less according to ASTM E 84
- 2.1.4 Panels shall have [4] fabric wrapped edges.
- 2.1.5 Panels shall be installed by means of [Velcro®], [Construction Adhesive] or [Peel and Stick tape].

PART 3: EXECUTION

3.1 INSTALLATION

- 3.1.1 Panels shall be installed as shown on the drawings and in accordance with the recommendation of BPB.

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