

Architectural Solutions® 1000

Wall Panels

Features:

- Maximum tackability up to 20 Lbs.
- Fully tailored fabric wrapped edges for single panel applications or full height continuous display walls.
- Unique 1/8" high density fiberglass impact surface extends panel life.
- 48" Standard width for minimal vertical joints.
- Extensive selection of standard fabrics, colors, textures and patterns.
- 2 Year Limited Warranty.

An Attractive Solution Providing Maximum Tackability and Excellent Sound Absorption

Conference and Training Rooms, Museums, Libraries

Physical Data

Finish

- Guilford of Maine FR701® 100% recycled polyester fabrics
- Maharam Tek-Wall® 1000 polyolefin fabrics
- Omnova Solutions WebCore vinyl fabrics
- BGF Nubby glass cloth fabrics
- Hytex Whispertex non-woven polyester fabric
- Selected Arc-Com, Designtex, Guilford and Knoll finishes available
- Customer provided material

Edge

- Square: [4] fabric wrapped

Options

- J-Moldings with fabric wrapped finishes
- Radius, mitered or beveled edges

Sound Absorption

NRC Range .65 – .75 (Guilford of Maine fabric finish)

Frequency Band

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
.10	.31	.75	.87	.85	.72

LEED 2009 for Schools

Minimum acoustic performance – IEQ prerequisite

Mounting

- Concealed Spline, Z-Clip, Velcro®, Construction Adhesive

Substrate

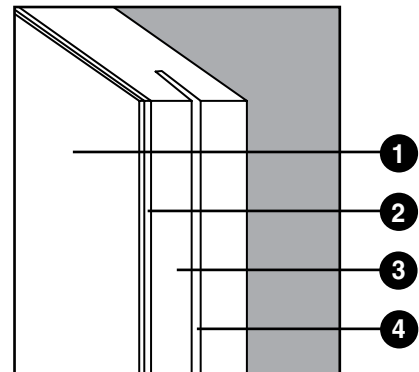
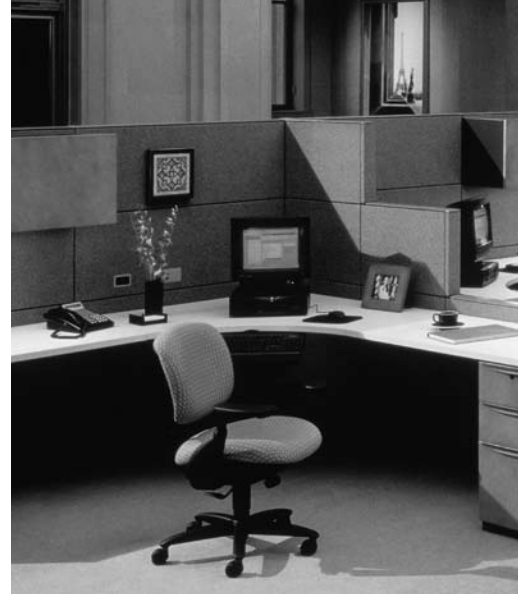
- 3/4" panel thickness 1/8" 16-20pcf molded fiberglass tack board bonded to 24pcf fire rated, perforated 5/8" mineral fiber board

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 10' maximum
- Custom sizes also available



- 1 Finish
- 2 Impact Molded Fiberglass/Tack Layer
- 3 Fire-Rated Mineral Fiber Core
- 4 Concealed Spline Kerf

PRODUCT SPECIFICATION DETAILS

ACOUSTICAL WALL PANELS

09 84 1

PART 1: GENERAL

- 1.1 Scope - The work consists of furnishing all materials, labor and accessories necessary to install Architectural Solutions® 1000 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® 1000 Acoustical Wall Panels manufactured by CertianTeed
- 2.1.2 Panels shall be 3/4" thick composite consisting of 1/8" 16-20pcf fiberglass surface, and 5/8" 24pcf perforated mineral fiber core [24"] [48"] [____"] wide x [8'] [9'] [10'] [____'] long with square edges and covered in [Maharam Tek-Wall® 1000 polyolefin fabric color #____] [Omnova Solutions WebCore vinyl coated fabric color #____] [Guilford of Maine FR701® Style 2100 polyester panel fabric color #____] [Hytex Whispertex non-woven polyester fabric pattern [Plissé, 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 [Concealed Spline] [Velcro®] [Construction Adhesive] [Z-Clip].

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 CertianTeed.

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