

Capaul

Architectural Acoustics

Acoustical SOLUTIONS 400

Unique Solutions for Severe Noise Problems in High Traffic Areas

Data Processing, Computer and Mechanical Rooms

Features

Extensive Selection of Standard Fabrics, Colors, Textures and Patterns to Complement Your Interior

Strong - Lightweight - Honeycomb Construction to Withstand Tenant Abuse Plus an Added Fiberglass Backing for Improved Sound Absorption

Fully Tailored Fabric Wrapped Edges for Single Panel Applications and Quick, Simple Installation and Relocation

PVC Reinforced Edges for Crisp Joints Between Panels and Extended Panel Life

High Density Fiberglass Tackboard Improves Acoustics and Abuse Resistance and Makes Every Panel a Fully Tackable Display Surface

Physical Data

Substrate

1 3/8" - 10#/cf fiberglass tackboard bonded to honeycomb that is backed with 2-3#/cf fiberglass

Finish

Guilford of Maine FR701 polyester fabrics,
Maharam Tek-Wall 1000 polyolefin fabrics,
Hytex Whisper Tex non-woven polyester fabrics,
John Wolf Faux Marble polyester fabrics,
GenCorp Web Core vinyl fabrics and
BGF Nubby glass cloth fabrics

Fire

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

Sound

NRC Range .85-.95 NRC .90

FREQUENCY BAND:

125Hz/.34

250Hz/.81
500Hz/1.04
1000Hz/.92
2000Hz/.81
4000Hz/.82

Size

4' X (8') (9') (10') standard, plus custom

Edge

Square: (2) (4) fabric wrapped edges

Mounting

Velcro, Z-Bar/Clip or Adhesive

Options

Radius Corners, J-Moldings in choice of white, painted or fabric wrapped finishes

Part I. General

1.1 Scope - The work consists of furnishing all materials, labor and accessories necessary to install Solutions 400 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 ambient during installation and occupancy.

Part II. Product

2.1 Material

2.1.1 Solutions 400 Acoustical Wall Panels manufactured by Capaul Corporation, 1300 Division St., Plainfield, IL 60544. Phone 800-421-8368 Fax 800-752-1047.

2.1.2 Panels shall be 1 3/8" thick composite of 10#/cf fiberglass tackboard surface, honeycomb core, 2-3#/cf fiberglass backer and PVC edge reinforcement (48") (___") wide X (8') (9') (10') (___') 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', Matrix, Coppersmith**) color #___) (Nubby
glass cloth
color #___) (Faux Marble polyester fabric 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 (2) (4) fabric wrapped edges.

2.1.5 Panels shall be installed by means of (Velcro) (Z-Bar/Clips) (Stick Clips)
(Construction
Adhesive)

Part III. Execution

3.1 Installation

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

Capaul

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Capaul Corporation/1300 Division St./Plainfield, IL 60544/800-421-
8368/815-436-8500/ FAX 800-752-1047/815-436-1912