

MPC Inc. Noise Control Products Division

09500MPC/BuyLine 0918

Silent Wall Acoustical Panels
835 Canterbury Road
Westlake, Ohio 44145
(216) 835-1405; Fax (216) 835-9313

MPC, Inc. manufactures Silent Wall acoustical panels, tack surfaces, baffles, and Quietile ceiling inserts, all of which are designed to help drastically reduce distracting noise.

In addition to their sound-absorbing features, these products are especially suited for interior design purposes. Designs can range from reproductions of painting, photos, graphics, or logotypes to our standard fabric or vinyl patterns and solids. We work closely with professional designers and are able to produce a large variety of custom panels to suit every decor.

Silent Wall can be applied to existing walls, including steel partitions and metal cabinetry, for absorbing reflected sound, or tackability, and at the same time add a more pleasing decorative element to the office design. Innovative application techniques allow Silent Wall to be inserted in place of glass into partitions for acoustical control or tackability, while permitting a greater degree of privacy.

The panels pictured in this presentation represent only a small sample of the unlimited design possibilities we can provide.

PLEASE REFER TO SWEETS PRINT CATALOG (09500/MPC) FOR PROJECT PHOTOS AND DETAILED SPECIFICATIONS. FOR FABRIC SWATCHES OF THE MANY STANDARDS AVAILABLE, PLEASE CALL MPC AT (216) 835-1405; OR FAX MPC AT (216) 835-9313.

PRODUCT APPLICATIONS:

Sound absorbers: Eliminate distracting sounds...verbal or mechanical.

Tackboards: Sized from personal desk size to 5' x 12' wall units for use in conference rooms, teleconference centers or special areas.

Baffles: Control noise levels in very large, open areas such as gymnasiums, open-plan areas, theatres, ballrooms, corridor treatments, in offices or hospitals.

Custom Wall Treatments: Use of panels or combination of panels to fit architectural requirements. Special presentation walls, sliding panels, hinged panels, special fabrics, special trim - wood/metal/fabric, all available.

STYLES AND TYPES OF PANELS:

Sizes: All panel types available from 6" x 6" to 60" x 144" standard. Sizes are available in 1/16" increments, as required.

Thicknesses: Available: 1/2", 5/8", 3/4", 1-1/4", 1-3/8", 1-1/2", 2", 2-1/4", and custom.

Edge Treatments: Square, beveled, bullnose, chamfered.

Corner Treatments: Square and 1-1/2" radius

CONSTRUCTION:

Frame: Panels have a hidden inner aluminum frame, or resin hardened edge, as required by specification. For greater strength and size capabilities, we recommend the hidden inner aluminum frame as it allows many variations in size, shape, trim, and attachment.

Core: Acoustical core, basic: 6 lb/cu ft. density fiberglass, thickness as required/specified. Acoustical Tackable core, or high impact acoustical core will be 6 lb/cu ft. fiberglass, with an 18-20 lb. 1/8" thick fiberglass sheet laminated to base core.

Tackable Core: Micore, fire-rated tackable, or acoustical tackable core, as required/specified.

Surfaces: Standard fabric selection is 100% polyester fabric, micro-perforated vinyl, or COM material, as specified. Surface material is stretched free of wrinkles or sags, and bonded to edges and back of panel only. Surface material is free of adhesives or other foreign matter. All visible surfaces are completely covered by the surfacing material. All edges are square and parallel and finished to within 1/16" of given dimension. Corners are thermally fused to prevent unraveling of materials or unsightly gaps.

Fabric and Vinyl Selections: PLEASE CONTACT MPC, INC. AT (216) 835-1405; OR FAX AT (216) 835-9313, FOR FULL SPECIFICATIONS AND ACTUAL FABRIC SWATCHES. Fabric fire-rating class 1 or A.

Acoustical Properties: As required. Basic panels .75 to 1.00 NRC. For actual Test data, contact MPC, Inc.

Fire Ratings: Class A-Fire-rated, based upon complete panel assembly. For test data, please contact MPC, Inc.

Warranty: Silent Wall panels are guaranteed against manufacturing defects for one (1) full year.

All specifications are subject to change by manufacturer without notice.

Credits:

Century Center, C-Hall, South Bend, Indiana
Acoustical Wall Panel Mural

Mural/Interior Design/Architect:
James E. Childs and Associates
South Bend, Indiana

Installation:
Majority Builders, Inc.
South Bend, Indiana

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Kalamazoo, Michigan