

3M™ Acoustic Wall Panel System featuring 3M™ DI-NOC™ Architectural Finishes

Technical Data Sheet
Release A, Effective November 2012

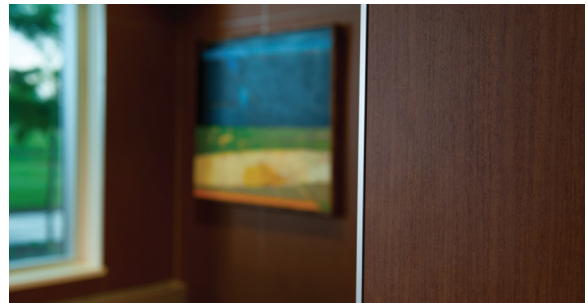
Innovate Commercial Interior Spaces with 3M

Dramatically change the look of existing environments with ease using 3M™ Acoustic Wall Panel Systems featuring 3M™ DI-NOC™ Architectural Finishes.

- Core made from 100% recycled wood fiber
- 500+ designs available
- 3M Acoustic Wall Panel System — Board, supporting components
- NRC (Noise Reduction Coefficient) of 0.75 with acoustic absorbing backer
- Board thickness 3/4"
- Custom finish patterns upon request
- Non-PVC options available for some designs
- Surface Protective Overlay — Minimizes the appearance of fingerprints



3M™ DI-NOC™ Architectural Finishes are flexible finish films, able to contour to most surfaces



The 3M™ Acoustic Wall Panel System is the perfect choice for renewing or refreshing an existing space within a small timeframe or limited budget

Inspire Acoustic Design with Flexibility — Renew and Refresh Interior Acoustic Wall Systems with 3M

3M™ Acoustic Wall Panel System featuring 3M™ DI-NOC™ Architectural Finishes Options

Textures	Texture Designs	Applications	Woods	Wood Designs	Applications
Abstract	Various	Flexible Finish Films for MDF, Metal, Select Sculpted Panels	Fine Wood	Fine Wood, Metallic Wood	Flexible Finish Films for MDF, Metal, Select Sculpted Panels
Naturals	Stone, Weave*, Sand, Stucco, Leather	Flexible Finish Films for MDF, Metal, Select Sculpted Panels	Wood Grains	Wood Grain, Wood Grain Gloss	Flexible Finish Films for MDF, Metal, Select Sculpted Panels
Metallics	Metallic*, Carbon, Little Weave, Random Style*, G-Emboss*	Flexible Finish Films for MDF, Metal, Select Sculpted Panels	—	—	—
Pure Color	Solid, High Gloss*	Ideal Finish — Exceeds Conventional Solutions	—	—	—
Custom Designs	Upon Request	Sample Needed for Matching	Custom Designs	Upon Request	Sample Needed for Matching

* For Flat Panels Only

** See 3M™ DI-NOC™ Architectural Finishes Catalog or 3MArchitecturalMarkets.com for design options.

3M™ Acoustic Wall Panel Systems contain 100% recycled wood fiber without any formaldehyde or urea formaldehyde added and a low VOC finish.

For more information, visit www.3MArchitecturalMarkets.com or call 1-888-650-3497



Physical Characteristics

Characteristics	Description
Material	3M™ Acoustic Wall Panel Systems are composed of a vinyl film applied to wood panel with 100% recycled fiber content
Finishes	Over 500 3M™ DI-NOC™ Architectural Finish designs are available See www.3MArchitecturalMarkets.com
Panel Options	Perforated 3M™ Acoustic Wall Panels — Fabricated with perforated 3M™ DI-NOC™ Architectural Finish on acoustic absorbing wood fiberboard; Acoustic absorbing backing material is optional Drilled Hole Panels — Fabricated with 3M™ DI-NOC™ Architectural Finish on wood fiberboard with holes drilled after 3M™ DI-NOC™ Architectural Finish application; Acoustic absorbing backing material is required; 7+ core colors for finishing matching
Acoustic Absorption	Perforated 3M™ Acoustic Wall Panels — 0.75 NRC achieved with Type C Mount*; 0.65 NRC achieved with Type D Mount**; 0.45 NRC achieved with Type A Mount*** Drilled Hole Panels — 0.70 NRC achieved with Type C Mount*
Hole Diameter	Perforated 3M™ Acoustic Wall Panels — Approximately 0.04" (0.8mm) Drilled Hole Panels — Approximately 0.24–0.32" (6–8mm)
Thickness	3/4" (19mm) board with 8.5 mil (0.212mm) 3M™ DI-NOC™ Architectural Finish
Weight	Perforated 3M™ Acoustic Wall Panels — 2 lbs/sq ft Drilled Hole Panels — 2-3/4 lbs/sq ft
LEED Points	3M™ Acoustic Wall Panel Systems may contribute to Project LEED® Rating System LEED Project Officials to determine outcomes
Sizes	Standard sizes up to 4 ft x 8 ft are available Custom sizes available upon request
Flammability	Wall Board — Class A Fire Rated (ASTM E-84) Most 3M™ DI-NOC™ Architectural Finishes — Class A Fire Rated (ASTM E-84)
Abrasion Resistance	7,000 cycles of Taber Abrasion Tester with no wear through of surface finish (JIS K7204) CS-17 wheel, loading weight 1 kg

* Type C Mount — 1" spacer filled with fiberglass board acoustic absorbing material, 3 lbs/cubic foot density.

** Type D Mount — 1" air gap behind wall panel with no additional acoustic absorbing material.

*** Type A Mount — No air gap behind wall panel with no additional acoustic absorbing material.

All natural wood products vary in color and grain.

Attachment Systems

Standard system includes Z-Bar and Z-Clip type hardware. Attachment systems may vary by project. When using acoustic absorbing backing material, Z-Bar will need to be mounted on furring strips.

Cleaning Wall Panels

Vacuum or wipe with a slightly damp cloth to remove dust and debris from perforations or holes. To clean the surface of the 3M™ DI-NOC™ Architectural Finish, use a clean, soft, slightly damp cloth with mild detergent and water. Hot water may be required for heavier soil. **Note:** Care must be taken to avoid excessive use of water during cleaning as this may lead to swelling and warping of wood fiberboard.

Storage and Shipping

Custom machine cuts per supplied shop drawings. Store products in a clean, dry place out of direct sunlight. Store products in a space where the ambient temperature and humidity conditions are being maintained at levels indicated for the project when occupied for its intended use. Handle products carefully to avoid chipping edges or damage to 3M™ DI-NOC™ Architectural Finish.

Warranty and Limited Remedy

Please refer to 3M™ Acoustic Wall Panel System featuring 3M™ DI-NOC™ Architectural Finishes warranty document.

Note: USGBC does not certify, promote or endorse products and services of individual companies. 3M™ Acoustic Wall Panel System featuring 3M™ DI-NOC™ Architectural Finishes may contribute to project LEED points. LEED project officials interpret how solutions may impact project rating system.

For more information or to order samples, please visit www.3MArchitecturalMarkets.com



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