

ALPHASORB[®] DESIGNER ACOUSTIC SLAT WOOD WALL PANEL DATA SHEET



DESCRIPTION

Your space will be easier to hear in and beautiful to be in with our Alphasorb[®] Designer Acoustic Slat Wood Wall and Ceiling Panels. Our decorative acoustic panels consist of slatted wood which is applied to a premium acoustic felt backing. Both the wood and PET felt backing offer noise-reduction strength. These modern acoustic wall panels are incredibly popular among architects and designers because they are an eco-friendly way to mitigate noise and reverberation with an elegant aesthetic, stylishly bringing the outdoors inside. They are incredibly versatile and well-suited for offices, home theaters, studios, and living spaces. They can be used in nearly any interior space to create a statement feature wall, enhance a ceiling, or transform an entire room.

Our Alphasorb[®] Designer Acoustic Slat Wood Wall Panels are also environmentally responsible and eligible for LEED (Leadership in Energy and Environmental Design) MRc4 credits. The wood strips are sourced from sustainable forestry. Our premium acoustic felt is 100% Polyethylene Terephthalate (PET) plastic from recycled bottles and is 100% recyclable. The material is porous, fire-rated, long-lasting, and easy to maintain — making it well-suited for acoustic treatments in both commercial and residential settings.

The wood-veneered MDF board strips and felt backing are both lightweight materials, making the panels easy to install by professionals or DIYers alike. They can be trimmed on-site to fit your wall space, applied directly to the wall with screws and adhesive, or applied to furring strips for enhanced sound absorption.

FEATURES

- High quality material and stylish design
- Choice of 4 woodgrain veneers
- Fast installation without heavy-duty equipment
- Can be installed on walls or ceilings
- Built-in spacers
- Enhanced interior sound quality

INSTALL METHODS

- Wall: Furring strip, direct with screws & adhesive
- Ceiling: furring strip

ENVIRONMENTAL FACTORS

- PET is 100% recyclable
- 55% recycled content
- Low VOC emissions
- ASTM — D51116
- LEED — MRc4



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TECHNICAL CHARACTERISTICS

MATERIALS:	Wood-veneered MDF board on a 100% Polyethelene Terephthalate (PET) backer
COLORS:	Light Oak, Dark Oak, Grey Oak, Walnut
FIRE RATING:	Class B per ASTM E-84-21a
SIZE:	24" x 96"
THICKNESS:	0.87"
WEIGHT:	25 lbs. / panel
NRC:	0.55 (Type "A" mount) 0.70 (Type D-20 mount) 0.80 (Type D-50 mount)

ACOUSTICAL DATA

SOUND ABSORBING PERFORMANCE (TYPE "A" MOUNT)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
0.08	0.08	0.29	0.70	1.07	0.83	0.55

Type "A" mount — flat

SOUND ABSORBING PERFORMANCE (TYPE D-20 MOUNT)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
0.04	0.18	0.50	1.02	1.04	0.77	0.70

Modified Type D-20 mount — 1" airspace

SOUND ABSORBING PERFORMANCE (TYPE D-50 MOUNT)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
0.17	0.39	0.87	1.10	0.81	0.84	0.80

Modified Type D-50 mount — 2" airspace

