



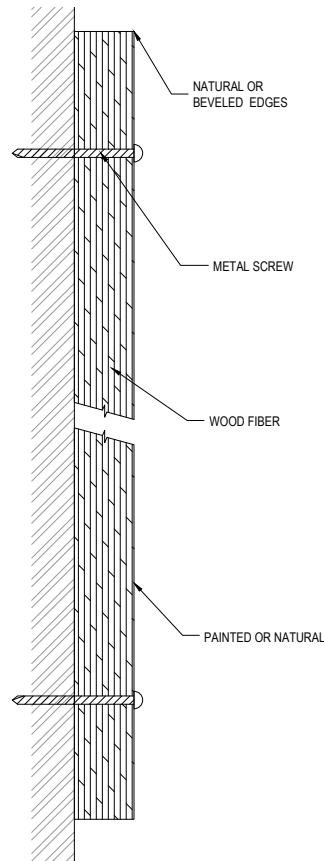
soundconcepts

SoundWool

Acoustical Wood Fiber Panels

SoundWool Acoustical Wood Fiber Panel

Wood wool acoustical panels are eco-friendly and high-performance sound absorbers made from natural wood fibers, water, and a mineral binder (Inorganic Cement). These panels are widely used in modern architecture for their distinctive aesthetics "spaghetti-like" texture and sustainable profile.



Specification

Thickness: 1", 2"

Standard nominal sizes: 23 3/4" x 48", 47 3/4" x 48", 47 3/4" x 96"

Custom sizes available

NRC: 0.50 - 0.70

Density: 1.88 - 3.52 PSF

Flame Rating: ASTM E84 Class A / CAN ULC S102

Temp. Resistance: -40°C to +80°C

Colors: Natural, White or Custom color

- Higher Cost Efficiency
- Easy to Install
- Can be painted on-site
- Low VOC, LEEDS LV4
- Mold and mildew resistant surface
- Compliant with CDPH, low-emission standard
- UL Classified

Key Features

Eco-friendly: Natural wood fibers

Impact Resistant: Stronger than standard foam or fabric panels; ideal for gymnasiums and schools.

Moisture Tolerance: Suitable for high-humidity areas like swimming pools or semi-outdoor spaces.

Design Flexibility: Customizable options

Designed for high-traffic commercial & educational spaces

Schools & University

Gymnasiums & Swimming Pool Enclosures

Restaurants

Churches



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Acoustical Wood Fiber Panels

Specifications

Section 09 83 19
Acoustical Wall Panels

Finish

Natural (Raw), Paint finish,
fabric, & Euromat

Materials

Natural wood fibers,
water, and mineral binder
(Inorganic Cement)

Configurations

Flat, shapes

Fire

ASTM E84 all components are
Class A / CAN ULC S102

Corner

Square, radius + custom

Edge

Profile: square, bevel

Acoustics

Description	hz	125	250	500	1000	2000	4000	NRC
1"		0.03	0.12	0.23	0.66	0.93	0.78	0.50
2"		0.28	0.34	0.45	0.86	1.12	0.91	0.70

Tested per ASTM C-423 in a type A mounting with unbacked

Shape

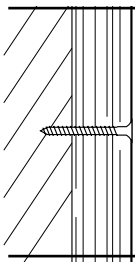
Rectangular + custom

Size

Up to 48" x 96"

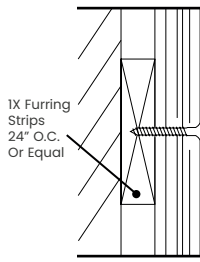
Mounting

Mounting A



SoundWool
Direct-Attach
Panel

Mounting B 20



SoundWool
Direct-Attach
Panel



White



Natural Raw

Standard Colors



Lakeshore
Reflection



Silver
Pea



Midnight
Cove



Forever
Peach



Fallen
Acorn



Spring
Dew



French
Vanilla



Shell



Pale
Lemon



Pecan



Sky



Moss



Stone



Reef



Lagoon



Plum



Cranberry



Kiwi



Tangerine



Black

Option: color matching to all major paint manufacturers, most breathable fabrics, and complete custom fabric capabilities



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