



Sound Deadening Board

Wood fibre - 4' x 8' panels

INDICATIVE DATA — please contact us directly for the manufacturer's spec sheet for your specific order: 718-386-6119 · inquiry@dmlumber.com

Description

Sound Deadening Board is a rigid panel produced from non-toxic organic materials and natural wood fibers that have been wax impregnated. The wax impregnation resists water penetration into the board. The density and rigidity of the board provide excellent noise control properties.

Usage

It is used on the interior of frame construction and on interior walls, where it contributes to the absorption of sound within a room and the reduction of sound transmitted from the exterior or from other rooms.

Storage

Wood fibre panels must be stored 6" above ground level and adequately protected from the elements with tarpaulins.

Physical properties

Property	Value
Dimensions	1219 mm x 2438 mm (48" x 96")
Panels / bundle	96
Coverage / bundle	285.4 m ² (3072 ft ²)

Applicable standards

ASTM C208-08 Type I

CAN/ULC-S706-09 Type I, Class 3

Characteristics

Characteristic	Imperial	Metric	Test method
Nominal thickness	0.5 in	12.7 mm	ASTM C209-07
Density	14.00 lb/ft ³	224.00 kg/m ³	ASTM C209-07
Thermal resistance	R-1.5	RSI 0.26	ASTM C518-10
Water vapour permeance	n/a	n/a	ASTM E96-10
Tensile strength (machine direction)	211.00 lb/in ²	1480.00 kPa	ASTM C209-07
Linear expansion	0.3%	0.3%	ASTM C209-07
Water absorption - 2 hrs max.	4% volume	4% volume	ASTM C209-07
Compression strength @ 10% deformation	18.6 lb/in ²	128.24 kPa	ASTM C209-07
Transverse load at rupture	13.70 lb	60.38 N	ASTM C207-09
Sound absorption (NRC)	0.36	n/a	n/a
Sound attenuation (STC)	22	n/a	n/a



Sizes and packaging

Dimensions	Panels / bundle	Coverage / bundle
1219 mm x 2438 mm (48" x 96")	96	285.4 m ² (3072 ft ²)
1219 mm x 2743 mm (48" x 108")	96	321.1 m ² (3456 ft ²)
1219 mm x 3048 mm (48" x 120")	96	356.7 m ² (3840 ft ²)