



BUILDING PRODUCTS OF CANADA CORP.

TECHNICAL DATA SHEET

NATURAL WOOD FIBRE PANELS

(STANDARD ASTM C208)

SOUND DEADENING BOARDS

DESCRIPTION:

Sound Deadening Board is manufactured by Building Products of Canada Corp. A leading producer of high-quality wood fibre products. **Sound Deadening Board** is a rigid panel produced from non-toxic organic materials and natural wood fibres that are wax impregnated. The wax impregnation resists water penetration into the board. The density and rigidity of the board provide excellent noise control properties.

USES:

The panels are used on the interior of frame construction and on interior walls, where it contributes to the absorption of sound transmitted from the exterior or other rooms.

STORAGE:

The wood fibre panels must be stored 100 mm (4") above ground level and adequately protected from the elements with tarpaulins.

SIZES AND PACKAGING

SKU	Dimensions	Panels/Bundle	Coverage/bundle
BSNAT85US	1219 mm x 2438 mm 48" x 96"	96	285.4 m ² (3072 ft ²)
BSNAT85USN N: without the stamp « made in Canada »	1219 mm x 2438 mm 48" x 96"	96	285.4 m ² (3072 ft ²)
BSNAT95US	1219 mm x 2743 mm 48" x 108"	96	321.1 m ² (3456 ft ²)
BSNAT105US	1219 mm x 3048 mm 48" x 120"	96	356.7 m ² (3840 ft ²)
BSN05402	1219 mm x 3658mm 48" x 144"	96	428.08 m ² (4608 ft ²)

CHARACTERISTICS	UNITS		RESULTS BP		REQUIREMENTS		TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	
Nominal Thickness ½ in. (13 mm)	%	%	Pass	Pass	+/-10%	+/-10%	ASTM C209
Thermal Conductivity max.	W/m·K	K	Pass	Pass	0.055	0.38	ASTM C518
Transverse Load at Rupture, min.	N	lbf	Pass	Pass	53.4	12	ASTM C209
Tensile Strength Parallel to Surface, min.	kPa	lb/in ²	Pass	Pass	1034	150	ASTM C209
Tensile Perpendicular to Surface, min.	kPa	lb/ft ²	Pass	Pass	600	28.7	ASTM C165
Linear Moisture Expansion max.	%	%	Pass	Pass	0.5	0.5	ASTM D1037
Water Absorption 2 hours max.	%	%	Pass	Pass	10	10	ASTM C209
Water Vapour Permeance, min.	mg/s·m ² kPa	grains/h·ft ² in Hg	Pass	Pass	0.287	5	ASTM E96
Modulus of Rupture, min.	kPa	psi	Pass	Pass	1655	240	ASTM D1037
Deflection at specified min. load, max.	mm	in	Pass	Pass	22	0.85	ASTM D1037
Moisture Content by wt, max.	%	%	Pass	Pass	10	10	ASTM D1037
Sound transmission class STC	dB	dB	Pass	Pass	25	25	ASTM E90

APPLICABLE STANDARDS

ASTM C208 Type 1

Using BP natural panels or sound deadening boards can contribute to qualifying for green building certification programs like LEED® audited by Vertima

* Building Products of Canada Corp. has all required documents regarding LEED® and can provide information in a certified project.

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