BUILDING PRODUCTS OF CANADA CORP

TECHNICAL DATA SHEET
NATURAL WOOD FIBRE PANELS

NATURAL AND SOUND DEADENING PANELS 7/16"

DESCRIPTION:

The **Natural Panel** or **Sound Deadening Board** is rigid panel produced from non-toxic organic material 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
BSNAT8 [...]	1219 mm x 2438 mm 48" x 96"	110	327.2 m^2 (3520 ft^2)
BSNAT9 [...]	1219 mm x 2743 mm 48" x 108"	110	368.1 m^2 (3960 ft^2)

CHARACTERISTICS	UNITS		RESULTS BP		REQUIREMENTS		TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	
Nominal Thickness 11.0 mm (0.44")	%	%	Pass	Pass	+/-10%	+/-10%	ASTM C209
Thermal Resistance min. 25.4 mm (1")	RSI	R	Pass	Pass	0.41	2.43	ASTM C518
Transverse Load at Rupture, min avg.	N	lbf	Pass	Pass	45	10.1	ASTM C209
Tensile Strength Parallel to Surface, min avg.	kPa	lb/in^2	Pass	Pass	700	101.5	ASTM C209
Compression Strength at 10% deformation, min avg.	kPa	lb/in^2	Pass	Pass	100	14.5	ASTM C165
Linear Moisture Expansion, max.	%	%	Pass	Pass	0.5	0.5	ASTM D1037
Water Absorption max.2 hours	%	%	Pass	Pass	10	10	ASTM C209
Surface Burning Characteristic, max.	FSR	FSR	Pass	Pass	220	220	ULC S102

APPLICABLE STANDARDS

CAN/ULC S706-09, Type I Class 3

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