



SOUNDSMART SOUNDPROOFING PANEL

DESCRIPTION:

SOUNDSMART is manufactured by Building Products of Canada Corp. A leading producer of high-quality wood fibre products.

SOUNDSMART is a rigid wall insulation panel composed of interlocking wood fibres impregnated with a wax emulsion and with an aluminum foil sheet laminated to the surface.

SOUNDSMART is an ecological product free of volatile organic compound (VOC).

SOUNDSMART offers excellent levels of sound deadening properties. Sound Transmission Class [STC]: 27

USES:

SOUNDSMART is used as a sound deadening sheathing on the interior of wood or steel studs in frame construction.

STORAGE:

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

SIZES AND PACKAGING

SKU	Dimensions	Panels / Bundle	Coverage / Bundle
BAA064897	1219 mm x 2464 mm (48in x 97in)	78	234.3 m ² (2522 ft ²)

CHARACTERISTICS	UNITS		RESULTS BP		REQUIREMENTS		TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	
Nominal Thickness of 5/8 in (15.9 mm)	mm	in	Pass	Pass	+/-10%	+/-10%	ASTM C209
Transverse Load at Rupture (average min.)	N	lbf	80	18	55	12.4	ASTM C209
Tensile Strength Parallel to Surface	kPa	lb/in ²	2100	300	1000	145	ASTM C209
Linear Moisture Expansion	%	%	< 0.2	< 0.2	0.5	0.5	ASTM D1037
Water Absorption max. 2 hours	%	%	Max 4	Max 4	Max 10	Max 10	ASTM C209

ACOUSTICAL PROPERTIES

Sound Transmission Class	NBC 9.11.1	See CCMC report for systems
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THERMAL PROPERTIES

Thermal Resistance for 25.4mm (1")	m ² •°K/W	in ² •h•°F/Btu	0.5	3	-	-	ASTM C518
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APPLICABLE STANDARDS

CAN/ULC S706.1 Type II, Class 7
CCMC 14065-R
CAN/ULC S101, 1 hour Fire Resistance