TECHNICAL DATA SHEET
INDUSTRIAL WOOD FIBRE PANELS

1/2'' SMARTCORE INDUSTRIAL PANEL – CALENDERED CLAY COATED

DESCRIPTION:

Our **1/2"Industrial Panel** is composed of post-industrial interlocking fibres impregnated with a water-repellent petroleum wax emulsion. It is coated on the front side with a smooth calendered clay coating and textured finished on the back side. Our **1/2"Industrial Panel** is a product with good mechanical and laminating properties.

ENVIRONMENTAL CONSIDERATIONS:

Contains no carcinogenic formaldehyde, no urea formaldehyde, no volatile organic carbon (VOC), hydro-chlorofluorocarbon (HCFC), pentane nor other substitute products traditionally used for binding and waterproofing. Binding agent is a natural, abundant and renewable resource.

USES:

The **1/2"Industrial Panel** is produced under strict specifications. It can be used for various industrial requirements. Its strength and smooth surface make this board ideal for tack boards, marker boards, black boards, cork boards, packaging, coating or laminating applications.

STORAGE:

The **1/2"Industrial Panel** must be stored 100 mm (4") above ground level. We strongly recommend storing the panel in an interior environment. However, if it is stored outside, it must be adequately protected from the elements with tarpaulins.

DIMENSIONS AND PACKAGING

SKU	Width	Length	Tolerance	Panels/ Bundle
BIN0540	1219 mm (48")	The product is available in different lengths. Contact our customer service department for available dimensions.	-3.2/+ 0 mm (-1/8", +0")	96
BIN0549144	1244 mm (49")		-0/+ 3.2 mm (-0", +1/8")	
BIN054997				
BIN054997S				

CHARACTERISTICS	UNITS		RESULTS BP		TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	
Thickness 12.5 mm (1/2")	%	%	+/-10%	+/-10%	ASTM C209
Squareness	mm	in	3.2	0.125	BP test method
Face trueness	mm	in	12.5	0.5	BP test method
Thermal Resistance, 25.4 mm (1")	RSI	R	0.52	3.0	ASTM C518
Transverse Load at Rupture min.	N	lbf	55.6	12.5	ASTM C209
Tensile Strength - Parallel to surface	kPa	lb/in²	2051	297.5	ASTM C209
Water Absorption 2 hours	%	%	7.7	7.7	ASTM D1037
Linear Moisture Expansion	%	%	<0.5	<0.5	ASTM D1037

ADDITIONAL INFORMATION

Color variation may occur from one production to the next however this does not affect panels performance.

APPLICABLE STANDARDS

Not applicable

CERTIFICATIONS AND OTHERS

All our SmartCore industrial panels complies with FSC® (Forest Stewardship Council®) audited by BNQ (FSC MIX CREDIT BNQ-COC-604001) (1)

Using SmartCore boards can contribute to qualifying for green building certification programs like LEED® (2)

(1) Calendered clay boards

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

FSC
www.fsc.org
FSC® C113184
The mark of responsible forestry

Building Products of Canada Inc.
420, rue Dupont
Pont-Rouge (Québec), Canada
G3H 1S2
www.bpcan.com