BP
BUILDING PRODUCTS OF CANADA CORP.

1/2" SMARTCORE INDUSTRIAL PANEL - CALENDERED CLAY COATED CLASS A FIRE RATED

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.

UL CLASSIFIED
MINERAL AND FIBER BOARDS
SURFACE BURNING CHARACTERISTICS
FHC 25/50
FILE R37859

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

DIMENSIONS AND PACKAGING

Width	Length	Tolerance	Panels/Bundle
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
1244 mm (49")		-0/+ 3.2 mm (-0", +1/8")	

CHARACTERISTICS	UNITS		RESULTS BP		TEST METHOD
	METRIC	IMPERIAL		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
Flame Spread Index	-	-	<25	<25	ASTM E84
Smoke Developed Index	-	-	<440	<440	ASTM E84

ADDITIONAL INFORMATION

Color variation may occur from one production to the next however this does not affect panels performance. It is the customer's responsibility to ensure that the final assembly using BP's UL certified Class A product, meets the ASTM E84 (UL723) – Class A norms.

APPLICABLE STANDARDS

ASTM E84 - UL723 – Class A

CERTIFICATIONS AND OTHERS

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

Our standard configuration meets ASTM E84 (UL723) Class A fire rating

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