



TECHNICAL DATA SHEET

INDUSTRIAL WOOD FIBRE PANELS

7/16" SMARTCORE INDUSTRIAL PANEL - CALENDERED CLAY COATED

DESCRIPTION:

Our 7/16" 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 7/16" Industrial Panel is a product with good mechanical and laminating properties.

ENVIRONMENTAL CONSIDERATIONS:

Contains no carcinogenic formalde-hyde, no urea formaldehyde, no volatile organic carbon (VOC), hydro-chlorofluorocarbon (HCFC), pentane nor other harsh or toxic chemicals used for binding and waterproofing. Binding agent used by BP is a natural, abundant and renewable resource.

USES:

The 7/16" 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 7/16" Industrial Panel must be stored 100 mm (4") above ground level. We strongly recommend storing the panel in an interior environment. However, if it's stored outside, it must be adequately protected from the elements with tarpaulins.

DIMENSIONS AND PACKAGING				
SKU	Width	Length	Tolerance	Panels/ Bundle
BIN0440	1219 mm (48")	Product is available in different lengths. Contact our customer service department for available dimensions.	-3.2/+ 0 mm (-1/8", +0")	110
BIN0448A				
BIN0449				

CHARACTERISTICS	UNITS		RESULTS BP		TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	
Thickness BIN0440, BIN0449	11.1mm (7/16")				ASTM C209
Thickness BIN0448A	11.66mm (0.460")	%	%	+/-10%	
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	46.7	10.5	ASTM C209
Tensile Strength - Parallel to surface	kPa	lb/in ²	2513	364.5	ASTM C209
Water Absorption 2 hr	%	%	21.4	21.4	ASTM C209
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