



TECHNICAL DATA SHEET

INDUSTRIAL WOOD FIBRE PANELS

1/2" SMARTCORE INDUSTRIAL PANEL

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 fire resistant 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), hydrochlorofluorocarbon (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's stored outside, it must be adequately protected from the elements with tarpaulins.

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/in ²	2051	297.5	ASTM C209
Water Absorption 2 hr	%	%	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

ASTM E84, Fire Resistance Class C

CERTIFICATIONS AND OTHERS

The 1/2" Industrial Panel contributes to credits in order to obtain a LEED certification. Some panels within our product line are also available FSC certified. Please contact us for more information.