



BUILDING PRODUCTS OF CANADA CORP.

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 formaldehyde, 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 is stored outside, it must be adequately protected from the elements with tarpaulins.

DIMENSIONS AND PACKAGING

| SKU | Width | Length | Tolerance | Panels/ Bundle |
|-----------|---------------|---|--------------------------|----------------|
| BIN04402 | 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 |
| BIN04402S | | | | |
| BIN0448 | | | | |
| BIN0448A | | | | |
| BIN0448S | | | | |
| BIN044997 | 1244 mm (49") | | -0/+ 3.2 mm (-0", +1/8") | |

| CHARACTERISTICS | UNITS | | RESULTS BP | | TEST METHOD | |
|---|------------------|--------------------|------------|----------|-------------|----------------|
| | METRIC | IMPERIAL | METRIC | IMPERIAL | | |
| Thickness BIN04402, BIN04402S, BIN0448, BIN0448S, BIN044997 | 11.1mm (7/16") | % | % | +/-10% | +/-10% | ASTM C209 |
| Thickness BIN0448A | 11.66mm (0.460") | | | | | |
| 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

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



The mark of responsible forestry
FSC® C113184

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