



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 formalde-hyde, 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's stored outside, it must be adequately protected from the elements with tarpaulins. |

| DIMENSIONS AND PACKAGING | | | | |
|--------------------------|----------------|--|--------------------------|----------------|
| SKU | Width | Length | Tolerance | Panels/ Bundle |
| BIN0524R0B | 609.5 mm (24") | The product is available in different lengths. Contact our customer service department for available dimensions. | -3.2/+ 0 mm (-1/8", +0") | 96 |
| BIN05402 | 1219 mm (48") | | -3.2/+ 0 mm (-1/8", +0") | |
| BIN0547 | | | | |
| BIN0548 | | | | |
| BIN05485 | | | | |
| BIN0549 | | | | |
| BIN0549121 | 1244 mm (49") | | -0/+ 3.2 mm (-0", +1/8") | |

| 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/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 |
| Not applicable |