Xanita Print is a lightweight natural fiber based composite board consisting of a recycled kraft core sandwiched between printable white liners.

What is Xanita Board made of?
Xanita Print has a high crush strength paper core and is manufactured from 100% post-consumer recycled paper. Specialized coatings and the selection of key raw materials ensure optimum board stability.

Xanita Board is fully recyclable and repulpable.

Xanita Print is ideal for:
- Replacing MDF, particle board and foamed-core boards
- Point of sale displays
- In-store furnishings
- Exhibition stands

Manufacturing and testing
Xanita Board is manufactured under stringent manufacturing processes and quality control conditions. Product testing and development is conducted according to international quality standards.

Xanita Print can be:
- Printed – UV inkjet or screen
- Upholstered
- Laminated
- Painted
- Pressed with decorative foils
- Mitre cut
- Shape cut
- Folded
- Curved
- Photo-mounted
- Fastened with Velcro, magnetic strips or hot-melt adhesive

Benefits of Xanita Board
- Lightweight
- Easy to assemble
- Strong
- Quick turnaround
- Printable
- Weight bearing
- Reusable
- 100% recyclable
- Customizable
- Flat-packable
- Labor saving
- Eco-friendly

© Xanita Print Product Info Sheet | March 2020 | Page 1 of 2
Product Properties: Xanita Print

Appearance
The surface of the material is free of blisters, foreign matter, marks, etc. The color and finish is a commercially acceptable match to the customer approved master sample.

Printability
• Both sides show the same visual surface properties as well as print performance.
• Excellent printability: solvent screen, UV digital and screen.

Board Thickness
10mm/3/8 inch, 16mm/5/8 inch
Other thicknesses available on request.

Board Sizes
• 1220 x 2440mm / 4 x 8 ft
• 1220 x 3050mm / 4 x 10 ft
Special lengths available depending on quantity ordered. Up to 3600mm / 11.8 ft.

Stability
• Excellent rigidity and stability under indoor humidity and temperature fluctuations.
• Excellent condensate and moisture hold out under varying conditions.

Eco-friendly
• All components are classified as non-hazardous according to the EEC Hazard Classification.
• All components are not considered as chemical or biological hazards.
• No volatile carcinogenic decomposition.
• VOC (volatile organic compound) none to negligible—none less than 5 ppm.
• X-Board Print is classified as fully repulpable in normal paper and pulping lines.

Fire Resistant Testing
• DIN 4102 and SANS 10177 approved.
• No toxic fumes when burned.
• Non-explosive.
• Low fire load rating based on low calorific value when burning.

Converting Temperature
• Recommended application temperature range: 41°F and 113°F
• Recommended room temperature for CNC cutting: 70°F

Physical Properties

<table>
<thead>
<tr>
<th></th>
<th>Weight</th>
<th>Crush Strength</th>
<th>Flexural Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Crush Strength</td>
<td>Flexural Strength</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ASTM C473 – 03</td>
<td>ASTM C473 – 03</td>
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<tr>
<td>10mm</td>
<td>0.35lbs/ft²</td>
<td>5.6ton/ft²</td>
<td>60 lbs</td>
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<td>16mm</td>
<td>0.43lbs/ft²</td>
<td>5.6ton/ft²</td>
<td>106 lbs</td>
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Climate Resistance

<table>
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<tr>
<th>Test</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Temperature Resistance Exposure to 23°F for 48 hours</td>
<td>No visible changes</td>
</tr>
<tr>
<td>High Temperature Resistance Exposure to 168°F for 48 hours</td>
<td>No visible changes</td>
</tr>
<tr>
<td>Humidity Resistance ASTM C473: Vertical exposure in humidity cabinet for 48 hours 90 % humidity and 104°F</td>
<td>No visible changes, deformation, warping, swelling or fungi growth</td>
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</tbody>
</table>