

# Xanita *product info sheet*

## PRINT



Xanita Print is a lightweight natural fibre 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 post-consumer recycled paper and sugar cane waste. Specialised coatings and the selection of key raw materials ensure optimum board stability.

### 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 Board is fully recyclable and repulpable.**



### 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
- Customisable
- Flat-packable
- Labour saving
- Eco-friendly

## Product Properties: Xanita Print

<b>Appearance</b>	The surface of the material is free of blisters, foreign matter, marks, etc. The colour and finish is a commercially acceptable match to the customer approved master sample.		
<b>Printability</b>	<ul style="list-style-type: none"> <li>• Both sides show the same visual surface properties as well as print performance.</li> <li>• Excellent printability: solvent screen, UV digital and screen.</li> </ul>		
<b>Board Thickness</b>	<b>10mm, 16mm</b> Other thicknesses available on request.		
<b>Board Sizes</b>	<ul style="list-style-type: none"> <li>• 1220 x 1830mm</li> <li>• 1220 x 2440mm</li> <li>• 1220 x 3050mm</li> </ul> Special lengths available depending on quantity ordered. Up to 3600mm.		
<b>Stability</b>	<ul style="list-style-type: none"> <li>• Excellent rigidity and stability under indoor humidity and temperature fluctuations.</li> <li>• Excellent condensate and moisture hold out under varying conditions.</li> </ul>		
<b>Eco-friendly</b>	<ul style="list-style-type: none"> <li>• All components are classified as non-hazardous according to the EEC Hazard Classification.</li> <li>• All components are not considered as chemical or biological hazards.</li> <li>• No volatile carcinogenic decomposition.</li> <li>• VOC (volatile organic compound) none to negligible—none less than 5 ppm</li> <li>• X-Board Print is classified as fully repulpable in normal paper and pulping lines.</li> </ul>		
<b>Fire Resistent</b>	<ul style="list-style-type: none"> <li>• DIN 4102 and SANS 10177 approved.</li> <li>• No toxic fumes when burned.</li> <li>• Non-explosive.</li> <li>• Low fire load rating based on low calorific value when burning.</li> </ul>		
<b>Converting Temperature</b>	<ul style="list-style-type: none"> <li>• Recommended application temperature range: 5° and 45°</li> <li>• Recommended room temperature for CNC cutting: 21° ± 3°</li> </ul>		
<b>Physical Properties</b>		<b>Weight</b>	<b>Crush Strength</b> ASTM C473 – 03
			<b>Flexural Strength</b> ASTM C473 – 03
	10mm	2,2 kg/m <sup>2</sup>	90 ton/m <sup>2</sup>
	16mm	2,4 kg/m <sup>2</sup>	90 ton/m <sup>2</sup>
<b>Climate Resistance</b>	<b>Test</b>	<b>Results</b>	
	<b>Low Temperature Resistance</b> Exposure to -5° C for 48 hours.	No visible changes	
	<b>High Temperature Resistance</b> Exposure to 70° C for 48 hours	No visible changes	
	<b>Humidity Resistance</b> ASTM C473: Vertical exposure in humidity cabinet for 48 hours 90 % humidity and 40° C	No visible changes, deformation, warping, swelling or fungi growth.	