



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 both post-consumer recycled and virgin paper. Specialized 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

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

Xanita Board is engineered for the wideformat printing industry and is fully recyclable and repulpable.

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

Benefits of Xanita Board

- Lightweight
- Strong
- Easy to assemble
- Quick production turnaround
- Direct printable
- Load bearing
- Reusable
- 100% recyclable
- Customizable
- Flat-packable
- Labor saving
- Eco-friendly

Original Xanita

Look out for the new 'Original Xanita' stamp to know that you're getting the real thing and not a cheap alternative.



PRODUCT PROPERTIES

Appearance	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.			
Printability	<ul style="list-style-type: none"> • Both sides show the same visual surface properties as well as print performance. • Excellent printability: solvent screen, UV digital and screen. 			
Board Thickness	6mm, 10mm,16mm Other thicknesses available on request.			
Board Sizes	<ul style="list-style-type: none"> • 1220 x 1830mm • 1220 x 2440mm • 1220 x 3050mm 			
Stability	<ul style="list-style-type: none"> • Excellent rigidity and stability under indoor humidity and temperature fluctuations. • Excellent condensate and moisture hold out under varying conditions. 			
Fire Rating	<ul style="list-style-type: none"> • DIN 4102 and SANS 10177-3 Class 4 - finishing material (not insulation). • No toxic fumes when burned. • Non-explosive. • Low fire load rating based on low calorific value when burning. 			
Converting Temperature	<ul style="list-style-type: none"> • Recommended application temperature range: 5° and 45° • Recommended room temperature for CNC cutting: 21° ± 3° 			
Physical Properties		Weight	Crush Strength ASTM C473 – 03	Flexural Strength ASTM C473 – 03
	6mm	1,38 kg/m ²	97 ton/m ²	11 kg
	10mm	1,65 kg/m ²	97 ton/m ²	25 kg
	16mm	2,17 kg/m ²	105 ton/m ²	35 kg
Climate Resistance		Test	Results	
		Low Temperature Resistance Exposure to -5° C for 48 hours.	No visible changes	
		High Temperature Resistance Exposure to 75° C for 48 hours.	No visible changes	
		Humidity Resistance ASTM C473: Vertical exposure in humidity cabinet for 48 hours 90 % humidity and 40° C	No visible changes, deformation, warping, swelling or fungi growth.	
	Co-Efficient Expansion	Zero		

ENVIRONMENTAL PROPERTIES

<p>Eco-friendly</p>	<ul style="list-style-type: none"> • 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.
<p>Environmental management</p>	<ul style="list-style-type: none"> • Xanita core: ISO 14001, ISO 50001 • Xanita Liner - Print: ISO 9001, ISO 14001 • Chain of custody certification schemes: FSC® • All products are 100% repulpable
<p>Environmental parameters</p>	<p>The figures are based on methods and procedures of measurement approved by the local (or national) environmental regulators at the production site.</p> <p>Xanita Core</p> <p>Water</p> <ul style="list-style-type: none"> • COD 20,38 kg/tonne • AOX⁺ • Nit 0.23 kg/tonne • Phos 0.03 kg/tonne <p>Air</p> <ul style="list-style-type: none"> • SO₂ 0.25 kg/tonne • NO_x 2.48 kg/tonne • CO₂ (fossil) 1201 kg/tonne <p>Solid waste landfilled 194 kg/tonne Purchased electricity consumption/tonne of final product: 652 kWh This product contains biomass carbon, equivalent to 1641 kg of CO₂ per tonne of product. <i>(not applicable to all products)</i></p> <p>Xanita Liner - Print</p> <p>Fibre Sources:</p> <ul style="list-style-type: none"> • Hardwood • Recovered fibre <p>Product Certification:</p> <ul style="list-style-type: none"> • FSC Mix Source • FDA 21 CFR 176.170* <p><i>(no product meets the requirements for direct food contact.)</i></p> <p>Adhesives</p> <ul style="list-style-type: none"> • Not flammable in wet state • Not explosive • Not hazardous according to Regulation (EC) No 1272/2008 (CLP) • Complies with regulation (EC) No. 1907/2006 (REACH)

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