

Introducing NEW carbon neutral certified Corflute® eco.

Corflute® eco as the name suggests, is made from a combination of post-consumer and industrial waste. Its composition has been carefully created to achieve the ideal equilibrium between "Eco" considerations and consistent performance, meeting the technical requirements and sustainability goals of Corflute® customers.

Corflute® eco has an inherently beautiful recycled look and exact tone can vary due to recycled content. It generally has an off-white / light grey appearance with a subtle speckle. All other mechanical and printing attributes remain the same as Corflute®.

Features:

- Corflute® - blend of 50% recycled polypropylene and 50% polypropylene
- Corona surface treatment applied to enable ink adhesion
- Outdoor usage & UV protection – 2-year warrantee
- Carbon Neutral Certification #CN172
- 100% recyclable at [Corex Recycling](#)
- Australian made at Corex Group

Find out more corex.com.au/product/corflute-ecorange-sheet

MATERIAL PROPERTIES	UNIT	VALUE	TEST METHOD
Mechanical & Physical Properties			
Specific Gravity	g/cc	0.91-0.925	ASTM D792
Tensile Strength @ Yield	MPa	≥20	ASTM D638
Flexural modulus	GPa	1-1.2	ASTM D790
Elongation @ break	%	≥700	ASTM D638
Izod Impact	J/m	≥120	ASTM D256
Izod Impact @ 23° Celsius	KJ/m2	≥12	ISO 180/1
Drop Dart Impact	Kg cm/mm	≥40	Nylex TM4
Heat deflection temp @ 1.82 MPa	°C	50	ASTM D648
Hardness	Shore D	68	ASTM D2240
Linear coefficient of thermal expansion	mm/mm/°C	10-15x10 ⁻⁵	ASTM D696
Shrinkage	%	1-2	ASTM D955
GENERAL INFORMATION			
Standard Gauges (mm)	3mm-10mm	Standard Sheet Size	2440mm x 1220mm
Finish	Corona treated	Printable	Yes
Colour	Off-white to light grey	U.V. Treatment	Yes
Service Temp	-20°C to +95°C	Warranty	-

Corex Plastics (Australia) Pty. Ltd.

261 Frankston Dandenong Road, Dandenong 3175 AUSTRALIA

Phone: +61 3 9238 1300 Email: info@corex.com.au

* All information is to the best of our knowledge, true and correct. However, as many factors outside our knowledge and control can effect the products, no warranty can be given or implied in respect of such information and no information should be construed as a warranty in relation to the product or its use.

Find out more

corex.com.au

Introducing NEW Imageboard® eco, our newest product in the carbon neutral certified ecorange®.

NEW Imageboard eco® is made using a black Corflute® core sandwiched between two layers of premium digital print grade PROMEG® polypropylene. The result is a lightweight sheet with a super smooth printing surface. The black core creates a beautiful sheet edge for signage applications.

The super smooth digital PROMEG® surface of Imageboard® eco provides an ideal substrate for printing, with outstanding ink adhesion resulting in high image quality.

Imageboard® eco is resistant to moisture and mechanical damage making it suitable for both indoor and outdoor applications up to 2 years.

Features:

- Made entirely at Corex Group from Corflute® and PROMEG polypropylene
- Corflute® - Black core. Recycled polypropylene content (mixed colours & white with print)
- PROMEG® - Digital printing surface - white polypropylene
- Outdoor usage – 2 years
- Carbon Neutral Certification #CN172
- 100% recyclable at [Corex Recycling](#)
- Australian made at Corex Group

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MATERIAL PROPERTIES		UNIT	VALUE	TEST METHOD
Physical Properties				
Specific Gravity		g/cc	0.91-0.925	ASTM D792
Colour		-	White with matte finish	-
Panel thickness		mm	3.3 and 5	
Panel Density	3.3 mm	GSM	1100±4%	-
	5 mm		1450±4%	
Mechanical Properties				
Crush strength (Average)	3.3 mm	KPa	700	AS/NZS 1301.429
	5 mm		500	
Tensile Strength @ Yield		MPa	25	ASTM D638
Flexural modulus		GPa	1.1	ASTM D790
Elongation @ break		%	≥700	ASTM D638
Izod Impact		J/m	134	ASTM D256
Heat deflection temp @ 1.82 MPa		°C	50	ASTM D648
Service temperature		°C	-10 to 70	-
Shrinkage		%	1-2	ASTM D955
Falmability			HB	UL94

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