

X-Board®

Board with no Bounds

Know the FACTS - composite honeycomb boards are NOT created equal!

	X-Board® Board with no Bounds	OTHERS
Honeycomb Cell Structure	Closed-Cell Corrugated (CHC)	Often open-cell expanded (EHC). Typically used in cheap, hollow core doors.
Dry Crush-Strength	90 tons/ sqm (highest in the industry for composite paper board)	Lower
Printable Liner	Refrigeration Grade Graphic Box Board. Highest recycled content	Clay coated, Virgin Fibre
Flexural Strength	ASTM C473 / 20kg	Lower
Total % Post-Consumer Fibre Content	97%	Often maximum 40%
Contains non-recyclable polyethylene layer	No	Yes
Recoverable Pulp %	88.8%	?
Eco Certifications	Eco Specifier Australia, Japanese green certification	?
Paper Liner Adhesive	Organic hot-melt adhesive (VOC-Free) acts as water impervious layer	Often water-based (susceptible to liner delamination if paper liner is moistened. Requires varnishing)
Volatile Organic Component %	Classified as VOC-Free	
Available Board Thicknesses	5, 8, 10, 12, 16, 20, 25, 32, 40mm	?

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X-Board allows for quick "Cut and Remove" construction of structures without the need for hand tools to remove top liner (shown below).

"Cut and Pluck" honeycomb core from X-Board.
Knife-cut through board but not through sandwich
liner. Apply hot air via heat gun to back of board and
gently pluck this rectangle section from the board.



X-Board allows for easy top paper liner removal via CNC knife-cutting for creative logos and eco lightbox displays.



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