

Armaboard® by Corex

When you need strength and beauty in the one lightweight package, Armaboard® is your product!

Made from polypropylene, Armaboard® uses a bubble structure rather than the iconic vertical flutes that create the structure of Corflute®.

Armaboard® is made from a unique 3 ply sandwiched structure: a circular honeycomb bubble core providing cushioning, together with multiple layers of flat polypropylene on either side.

Armaboard® has many suitable applications. It is ideal for graphic signage applications due to its flat, white printable surface, whilst also being an excellent industrial packaging solution for industries like material handling, storage and transportation due to its lightness and strength.

Benefits:

Corex Armaboard® has an extremely flat surface for printing. It is lightweight, yet robust, and resists moisture. It offers high performance for demanding print and display, and material protection applications

- Strong, rigid & non-abrasive
- Quick & easy to cut, crease, fold & weld
- Waterproof
- Scratch, wear & tear resistant
- High load carrying capacity
- Chemical resistant (easy to clean)
- Durable & economical on long-term usage
- Reusable
- High impact resistance

Product highlights:

- Fully recyclable at Corex Recycling
- Printability for screen and digital printing
- Currently tested up to 6 months; longer-term performance under UV exposure is under evaluation



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Size & format:

- Gauge: 3.3 mm, 900 gsm
- Sheet size: 2050 mm L x 1280 mm W

Colour & finish:

- White with clear middle layer
- Optic white sand finish on both sides

Printing:

- Suitable for screen and digital printing
- The double layered printable surface has a unique sand finish in optic white for superior printing

Possible applications:

- Signage, retail displays, and durable graphic sheet applications
- Packaging including storage boxes and bins, returnable transit boxes, and boxes for fruit, FMCG, and electrical products to name a few
- Internal partitions and separators, used in storage and transit
- Material protection solutions including pallets and pallet liners
- Other applications include false ceilings, fencing for construction and infrastructure projects, floor and general surface protection

Corex Plastics (Australia) Pty. Ltd.

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* 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.



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Find out more
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Fabrication:

- **CUTTING:** It can be cut with simple tools like box cutting knives and guillotines but can also be CNC table and die-cut.
- **PERFORATING:** It can be perforated with simple tools like drills and die-punching
- **SEALING:** Since it is a thermoplastic it requires heat edge sealing, adhesive sealing, ultrasonic sealing etc.
- **FORMING:** It can be formed to different structures by thermoforming, vacuum forming, etc.
- **JOINING:** It can be joined by tabbing, riveting, double sided tape, etc.
- **LAMINATION:** It can be laminated in-line with a vast range of compatible materials like PP films, non-woven and woven PP fabrics, metallized PP Film, etc.

Technical information:

- Wettability: Unaffected by water. Ideal for outdoor signage
- UV stabilised intended for outdoor applications up to 6 months. Testing is ongoing to ascertain if periods beyond 6 months UV exposure are suitable. March 2026
- Surface temperature: Armaboard® retains integrity between -20°C to 85°C
- Printable surface: both sides Corona treated
- High opacity
- Made from 100% recyclable polypropylene



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Key steps for perfect prints and handling:



Always wear cotton gloves to avoid fingerprints and surface contamination.



Store sheets flat, in a controlled temperature to avoid warping before printing.



In high humidity environments, excess moisture can reduce surface energy, potentially impacting ink adhesion. Before printing, store sheets in a climate-controlled environment and consider conditioning them (letting them acclimatise).



Use a calibrated ink profile to ensure proper adhesion and true colour reproduction.



Run a test proof to inspect print quality and adhesion. Do not proceed to production if issues are identified. Conduct periodic checks during print runs to maintain consistent quality.

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