



mondi **xtreme**

ideally suited to all types of flat branding applications

Xtreme is a 100% natural fibre based board, a state of the art material. Xtreme is a printable kraft board with excellent water and moisture holdout capabilities for internal and external branding applications. No waxes, no PE (polyethylenes) and only repulpable coatings or chemicals/materials are used in the manufacture of Xtreme, making it another 100% eco-friendly product. Xtreme is a joint development between Mondi Packaging S.A. and Xanita. Xtreme has been designed to replace existing PVC/plastic display products by utilising natural, fully repulpable materials. The result is an innovative product delivering all of the same properties without any negative impact on the environment. The Moisture Vapour Transmission Resistance rates (MVTR) are as good if not superior to PE. Thicknesses currently are 550gsm/720micron (0,028") and 1100gsm/1440micron (0,057").

Standard sheet sizes are presently 1270mm x 2100mm (50" x 82,68") for both thicknesses. One side printable. The board has good lay flat properties and can be printed by solvent/UV screen-print or solvent/UV digital flat bed. The Xanita laboratory is currently researching both oil and water based inks to extend to other print methods. Outdoor life expectancy is up to 4 months.

All material is manufactured by Mondi Packaging S.A. in South Africa with global sales and distribution by Xanita.

Xtreme can be used for internal standing displays without fear of warping or buckling. Due to high moisture resistance it will perform far better than existing boards which are used from time to time for vertical displays/posters.

Description

A printable kraft board with excellent water and moisture holdout for internal and external applications.

Product construction

Product consists of printable liner and inner kraft base. Specialized coatings and exceptional internal fiber properties ensures optimum outdoor performance when used in wet and humid conditions.

- Thickness: 720micron (0,028") and 1440micron (0,057")
- Weight: 550gsm and 1100gsm
- Sheet dimension: Width 1270mm x Length 2100mm (width 50" x length 82,68") for 550gsm
- Sheet dimension: Width 1270mm x Length 2100mm (width 50" x length 82,68") for 1100gsm

Attributes

- Excellent water, condensate and moisture hold out under varying conditions
- Retained rigidity under varying humidity conditions
- Good resistance to edge wicking
- Good printability, including solvent based and UV printing systems
- Produced from approximately 92% recycled material and is 100% recyclable
- No wax or PE (Polyethylene) in the manufacturing process, therefore 100% re-pulpable

Manufacturing and testing

The products are manufactured under stringent manufacturing process and quality control conditions. Product testing and development are conducted in accordance with international quality standards with the following quality certifications.

- ISO 9001
- QS 9000
- ISO 14001

Useful life expectancy

The product carries an outdoor useful life expectancy of up to 4 months when applied under normal vertical conditions.

Typical applications

Large format branding with both of the mentioned print techniques. These include

- Outdoor billboard
- Bus and train interiors
- Bus sides and rears
- Outdoor retail building signage
- Indoor standing retail signage