



CORRUGATED PLASTICS

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TECHNICAL DATA SHEET GRAPHIC AND SIGN BOARD

INTRODUCTION: Twinplast board is an extruded board made from polypropylene granules along with additional components corresponding to the particular application.

CERTIFICATION: Twinplast board is manufactured to Quality Assurance Standard ISO9002 (Certificate 1351/97) and Environmental Standard ISO14001 (Certificate number 1351/97).

NOMENCLATURE: When expressing the size of a board, Twinplast always use the flute length as the first dimension preferably with an (f) for (flute) for clarity.

SIZES, THICKNESS AND BOARD WEIGHT: Twinplast can supply boards from 2mm to 10mm thickness with weights from 250gsm to 2000gsm. The thicknesses recommended for signage and point-of-sale publicity are 3mm, 4mm, 5mm, 6mm, 8mm and 10mm. Lengths are usually from 600 to 3000mm on the flute and 150mm to 1500mm across the flute. Please consult us for any special requirements.

APPLICATIONS: For signage and point-of-sale publicity.

- Screenprinting
- Digital printing
- Lamiboard

GRADES: Standard board available in white, translucent, flame red, orange, citrus yellow, banana yellow, sage green, sky blue, navy blue. Also as a colour match to Pantone, RAL, or a specific sample. This board has excellent opacity and strength with a super smooth surface.

Digiprint board has been developed for the digital print market with an opaque bright white finish to give a sharper, better defined print. The board is flat and smooth and the print treatment is to 48 dyne/cm for optimum print adhesion. Antistatic treatment speeds up your production and keeps your staff happy.

Twinsign™ board is available in the popular Estate Agent sizes 813(f) x 610, 610(f) x 813 and 705(f) x 705. The boards are supplied UV stabilised for OUTDOOR use and are pre-welded back-to-back. All you have to do is print and install.

Flame retardant available to UL94 standard for specific applications such as exhibitions where the signage should not significantly add to the fire risk.

Lamiboard is designed for lamination applications where crush resistance and close tolerances are required.

ENVIRONMENT: Twinplast have in place the RETURN scheme for recycling the board after use. And Twinplast is the first manufacturer in Europe to receive the ISO14002 Environmental accreditation. Twinplast board is a CFC-free product.

CARBON FOOTPRINT: Gross energy required to produce 1kg of polypropylene is 73MJ (equivalent to 10.88 kg CO₂) and the gross energy to process 1kg of polypropylene into board is 3MJ (0.45 kg CO₂).



SPECIFYING TWINPLAST BOARD: Please remember to use the flute length as the first dimension when specifying a size. Unless otherwise requested by the client, Twinplast will supply board to the following tolerances:

Board length (along the flute)	+0.6%/-0%
Board width (across the flute)	+/- 2mm
Squareness (diagonals)	<3mm
Variation in length within a batch	<4mm
Thickness tolerance	+/-0.2mm

On request, closer tolerances can be supplied with hand trimming of boards to 2440(f) x 1220 in size.

Board length (along the flute)	+2/-0mm
Board width (across the flute)	+/-2mm
Squareness (diagonals)	<2mm
Variation in length within a batch	<1mm

Print treatment 48 dyne/cm on both sides of the board. Average life of the treatment is 6 months when kept under dry and cool conditions.

GENERAL: Please contact Twinplast for any further guidance on the use and application of Twinplast board.

The information contained above is correct to the best of our knowledge. Users should establish for themselves before use that the material meets their requirements. Quoted test results cannot be used as specification limits but are typical test values intended for guidance. We accept no liability for any damage, injury, or loss resulting from this information.