

UNIBOARD ECO

Marine Ply & MDF Wood Alternative

Uniboard ECO is an extruded flat sheet panel manufactured from recycled plastic in high density Polyethylene (HDPE) and Polypropylene (PP). The manufacturing process produces flat sheet panels that offer a number of distinct benefits over comparable flat sheet products such as ply, marine plywood, mdf and other traditional construction & shopfitting materials.

Key Features and Benefits

- Environmentally Friendly
- Will not Swell, Rot or Delaminate
- Rustproof
- Mould & Bacterial growth Resistant
- Long Wearing
- Good Strength to Weight ratio
- Easy Cleaning non-stick surface
- Low Maintenance
- UV Resistant (suitable for outdoor use)



Applications

- Sound Insulators
- Animal Enclosures
- Construction of Irrigation Channels
- Floats & Animal Trailer Linings
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- Signage & Display Boards
- Concrete Casting Release Boards
- Wall Linings
- Marine Applications
- Anti-Graffiti Walls
- Greens & Garden Edging
- Storage Bins

Physical Properties

Technical Data	Unit	Value
Specific Gravity	g/cm ³	0.70
Minimum / Maximum Service Temperature in Air	°C	-30 to 100
Tensile Strength	Mpa	18
Hardness	Rockwell M	65
Co-efficient of Thermal Expansion	m/(m.k) x 10 ⁻⁶	200
Surface Resistivity	Ohms	>10 ¹⁴
Food Grade	FDA	No