

Polyethylene PE Foamlite ECO

PE Product Description

Foamlite-ECO are flat sheet panels 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.

- Environmentally friendly
- Sheds water
- 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)

PE Plastics Applications

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

PE Physical Properties

Specific Gravity	0.75
Units g/cm ³	
Minimum/Maximum Service Temperature in Air	
Unit °C	
Short Term	-30 to 130
Long Term	-30 to 90
Tensile Strength Yield	13
Units MPa	
Impact Resistance	12
DIN 53505 Notched Impact Strength	
Units MJ/mm ²	
Hardness	65
Units Shore D	
Co-efficient of Thermal Expansion	200
Units mm/(mmxK) x 10 ⁻⁶	
Surface Resistivity	>1x10 ¹³
Units Ohms	

PE Delivery Program

(Black)

Attractive stippled surface finish, one side
Plain smooth finish other side.



PE Sheet

Thicknesses: 10, 12, 15 & 19 mm
Size: 2440 x 1220 mm

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