



Foamalite Plus is a co-extruded Foam PVC sheet consisting of high quality white outer skins and a black regrind core. Foamalite Plus features a hard smooth extra white surface making it more robust and scratch resistant than standard Foam PVC sheet.

Given the consistent higher density of the sheet and its smooth consistent surface Foamalite Plus is ideal for a wide range of sign and printing applications. Foamalite Plus is suitable for outdoor use.

As the product is produced using co-extrusion methods it gives it much higher strength than a standard PVC foam sheet and the rigidity is greatly increased also.

As the centre core of this material is recycled PVC material it gives the overall sheet 80% recycled content and it forms part of the Foamalite Limited environmental programme and is an integral part of our waste management programme.

The physical properties of Foamalite Plus are comparable to Foamalite.

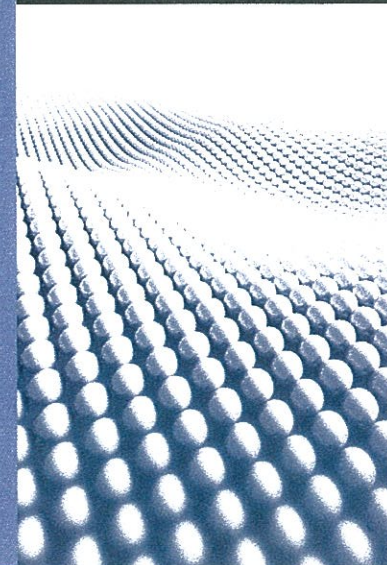
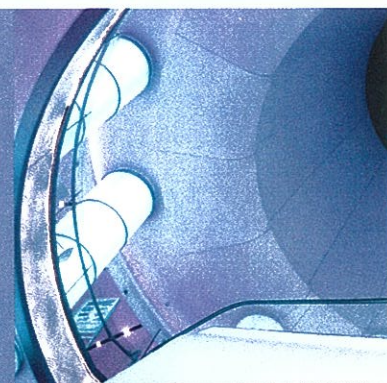
AREAS OF APPLICATION

ADVERTISING

- Signage & display panels
- Internal wall hung displays
- Exterior framed units
- Screen printed panels
- Digitally printed displays
- Vinyl laminated pictures
- POP (point of purchase displays)

CONSTRUCTION

- Wall cladding & partitioning
- Hygienic cladding
- Decorative cladding
- Temporary partitioning
- False ceilings



www.foamalite.ie



DELIVERY PROGRAMME (WHITE)

Thickness mm	2440 x 1220	3050 x 1560
5	•	•
10	•	•

PROTECTIVE FILM

- PE film on one side as standard

TOLERANCES

- -0 to +10mm on width
- -0 to +10mm on length
- +/- 6% on sheet thickness <6 mm
- +/- 8% on sheet thickness >10 mm

SPECIAL REQUIREMENTS ON REQUEST

- Additional thicknesses as required
- Non standard sheet dimensions are available
- Cut sheet available from stock sheet

PHYSICAL PROPERTIES OF FOAMALITE PLUS

TEST	TEST METHOD	UNITS	AVERAGE RESULT
Specific Gravity	In-House	g/cm ³	0.55-0.70
Determination of Water Absorption	ISO 62: Method 1	%	0.19
Tensile Strength at Yield	ISO R527	MPa	19.37
Elongation at Break	ISO R527	%	17.89
Flexural Modulus	ISO 176	GPa	0.903
Charpy Impact Strength	ISO 179	kJm ⁻²	1.43
Shore D Hardness	ISO 868	Value	63
Heat Distortion Temperature	ISO 75: Method A	°C	57.75
	ISO 75: Method B	°C	68.4
Coefficient of Linear Expansion	In-House	°C ⁻¹	0.498 x 10 ⁻⁶
Flame Spread Test	BS 476: Part 7	Class	1 ^y
	France: NSP 92501,5		M-1
	Italy: D Come DA UNI 9176:1998		1
	Germany: DIN 4102		B1

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