



FoamaLiteX has added rigidity and surface hardness for more robust applications. It is specified for wide area signage and for external applications. FoamaLiteX is used extensively in the construction industry where it's advanced formulation, internal cohesion and superior strength makes it suitable for a multitude of applications.

## AREAS OF APPLICATION

### ADVERTISING

- Signage & display panels
- Internal wall hung displays
- Exterior framed units
- Screen printed panels

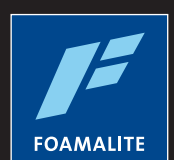
### CONSTRUCTION

- Wall cladding & partitioning
- Hygienic cladding
- Decorative cladding
- Temporary partitioning
- False ceilings
- Moulded panels
- Flat panels
- Fabricated panels



[www.foamalite.ie](http://www.foamalite.ie)

experts in plastics



## DELIVERY PROGRAMME (WHITE)

Thickness mm	2440 x 1220	3050 x 1220	3050 x 1560	3050 x 2050
1	•	•		
2	•	•	•	•
3	•	•	•	•
4	•	•	•	•
5	•	•	•	•
6	•	•	•	•
8	•	•	•	•
10	•	•	•	•
13	•	•		
15	•	•		
19	•	•		

### PROTECTIVE FILM

- PE film on one side as standard

### TOLERANCES

- -0 to +5mm on width
- -0 to +10mm on length
- +/- 5% on sheet thickness 2-6 mm
- +/- 5% on sheet thickness >6-12 mm

### SPECIAL REQUIREMENTS ON REQUEST

- Additional thicknesses as required

## PHYSICAL PROPERTIES OF FOAMALITEX

TEST	TEST METHOD	UNITS	AVERAGE RESULT
Specific Gravity	In-House	g/cm <sup>3</sup>	0.7-0.75
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 <sup>-2</sup>	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 <sup>-1</sup>	0.498 x 10 <sup>-6</sup>
Flame Spread Test	BS 476: Part 7	Class	1 <sup>y</sup>
	France: NSP 92501,5		M-1
	Italy: D Come DA UNI 9176:1998		1
	Germany: DIN 4102		B1

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