

Profit PVC Foam Board

Technical Data Sheet



PVC FOAM COLOUR WHITE

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

* 15 mm and 19 mm are available only from stock, are not produced on order.

** Other thicknesses are produced on order.

PHYSICAL PROPERTIES OF PVC FOAM

Test	Test Method	Units	Avarage Result
Specific Gravity	In-House	g/cm ³	0.50–0.70
Determination of Water Absorbtion	ISO 6 2: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	for 1–6 mm Value for 8–10 mm Value	40–47 45–47
Heat Distortion Temperature	ISO 75:Method A ISO 75:Method B	° C ° C	57.75 68.4
Coefficient of Linear Expansion	In-House	° C ⁻¹	0.498×10.6

FIRE CLASSIFICATION

Test	Test Method	Units	Avarage Result
Fire Classification 3mm & 5mm	IEN 13501-1	Class	C-s3, d1

PROTECTIVE FILM

- PE film on one side as standard
- No branding over the film
- Digital marking of sizes over on long side

TOLERANCE FIXED FOR EACH THICKNESS

- -0 to + 2 mm on width
- -0 to + 10 mm on length
- Rectangularity is max 2 mm per meter

TOLERANCE IN THICKNESS

- +/- 0.15 mm for 1–2 mm thickness
- +/- 0.15 mm for 3–6 mm thickness
- +/- 0.30 mm for 8–10 mm thickness
- +/- 0.50 mm for 15–19 mm thickness

SPECIAL REQUIREMENTS ON REQUEST

- Additional thicknesses as required
- Non standard sheet dimensions are available

NOTE:

After printing the ink must be perfectly dry so as to avoid any affect on the later combination with the application surface. The surface on which material is applied must be free of dust, grease, lubricant and any other substances which may hinder the film from adhesion. Freshly lacquered or painted surfaces should be allowed to dry for no less than three weeks. The compatibility of particular lacquers and paints should be tested by the user, prior to application on the material.

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