

FOAM EX

FROM  CITY WOOD

Foam board pioneers in Egypt
own the foam board
2025/2026



FOAMEX



HG WHITE



ST GRAY

ST Beige

ST WHITE

ST BLACK

TX 3111

TX 3071

TX 3041

TX 2961

WD 2221

WD 2061

WD 3484

WD 1391

WD 1431



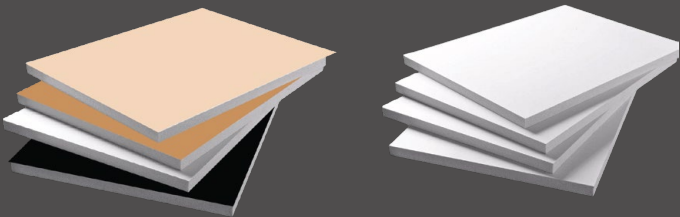
WD 3474

Foamex Index

What Is Foamex ?

Foamiral is a 100% waterproof polymer board, free from formaldehyde and lead. Safe, non-toxic, and eco-friendly, it’s built for a long life without compromising health.

It stands strong against extreme weather, chemicals, and termites. No warping, rotting, or cracking — completely maintenance-free. Perfect for home, commercial, and infrastructure use.



that meet the highest standards. It features an ultra-smooth surface, exceptional strength, and unmatched durability.

It is easy to paint, shape, and install, offering outstanding resistance to moisture and corrosion.

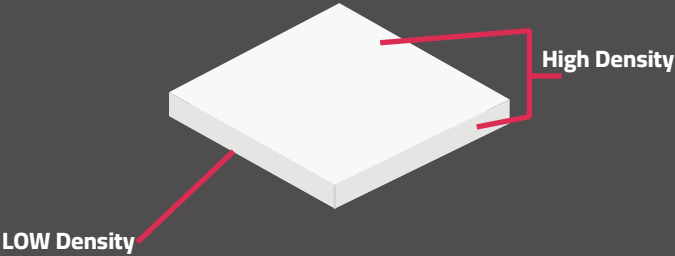
Foamex VS Others

	Foamex	MDF	Polywood
<u>Resistant to fire.</u>	✔	✖	✖
<u>Protection against moths, termites, and pests.</u>	✔	✖	✖
<u>Fully water and moisture resistant.</u>	✔	✖	✖
<u>No shrinking or swelling.</u>	✔	✖	✖
<u>Corrosion resistant.</u>			
<u>Requires no maintenance.</u>	✔	✖	✖
<u>Eco-friendly and safe for the environment.</u>	✔	✖	✖
<u>Suitable for outdoor use.</u>	✔	✖	✖
<u>Excellent screw and nail holding strength.</u>	✔	✖	✖
<u>100% recyclable.</u>	✔	✖	✖
<u>Zero material waste.</u>	✔	✖	✖
<u>Resistant to acids and alkalis.</u>	✔	✖	✖
Can be reused over 25 times in construction projects	≥25	1	4 - 6

Foamex VS Others

	TEST	UNIT	VALUE
Material Density:	IN HOUSE	gm/cm ³	0.7/0.5
Hardness Rating:	ISO 868	Shore D	2 ± 46
Moisture Uptake:	ASTM D 570	%	≤ 0.8
Tensile Performance:	ASTM D 638	MPa	≥ 17
Break Elongation:	ASTM D 638	%	≥ 17
Charpy Impact Resistance:	ASTM D 256	J/M	29
Izod Impact Resistance:	ASTM D 258	KJ/M ³	≥9.0
Electrical Insulation Strength:	ASTM D 257	Ω	5×10
Surface Electrical Resistivity: 2 × 10 Ω/cm (ASTM D 257)	ASTM D 257	Ω/cm	2×10
Vicat Softening Point: Exceeds 80°C (ASTM D 648)	ASTM D 648	°C	≥80
Thermal Expansion Coefficient: Between 0.6 and 0.7 cm/cm°C (ASTM D 1525)	ASTM D 1525	cm/cm°C	06-07
Heat Conductivity: From 0.05 to 0.07 W/m·K (DIN 52616)	DIN 52616	W/mK	0.5-0.07

Foamex VS Others



	STANDARD	OPTIONS
WIDTH	1220 mm	≤1220 mm
LENGTH	2440 mm	∞
THICKNESS	4.5 mm-17 mm	3 mm-25 mm



WIDTH

LENGTH

THICKNESS



STANDARD

1220 mm

2440 mm

4.5 mm-17 mm



OPTIONS

≤ 1220 mm

∞

3 mm-25 mm



More informations call us

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