



-  [admiral-egypt.com](http://admiral-egypt.com)
-  0554413271 - 0554411842
-  Industrial Zone No. A4 Section 116  
10th of Ramadan City 44916  
Sharqia - Egypt



## Whats is PVC FOAM Board ( Foamiral ) ?

Foamiral is %100 Waterproof Polymer Composite Board. Being formaldehyde and leads free, it is an economic long life green product that is completely healthy, safe and non-toxic.



This environmentally friendly foamex is also resistant to extreme weather conditions, chemicals, and termites. It is maintenance-free that will never rot, crack or warp, making it the perfect choice for any domestic, commercial or infrastructural settings.

## Whats is PVC FOAM Board ( Foamiral ) ?

Foamiral is the new generation of green building boards, made from fine grade materials of high standards which gives a very smooth surface, and hardness, combined with matchless durability.

It can be painted, processed, and easily installed, with excellent resistance to moisture and corrosion.



# FEATURES of Foamiral PVC Foam Board



**ECO-FRIENDLY**



**WATER-PROOF**



**ANTI-BACTERIAL & FUNGAL**



**EASY INSTALLATION**



**EASY TO SAW & CUT**



**LIFETIME WARRANTY-HUMIDITY**



**TERMITE & PEST PROOF**



**MULTIPLE APPLICATIONS**



**EASY FOR LAMINATION**



**BEST FOR OUTDOORS**

# FEATURES of Foamiral PVC Foam Board



**ANTI-CHEMICALS**



**NO SHRINKAGE & SWELLING**



**FIRE RETARDANT**



**SMOOTH SURFACE**



**CORROSION RESISTANT**



**NON-TOXIC**



**PAINTABLE**



**HIGH SCREW HOLDING**



**IMPACT RESISTANCE**



**MAINTENANCE FREE**

## Why PVC FOAM Board ( Foamiral ) ?

**Foamiral** is extremely durable and perfect for thermal and sound insulation. Additionally, it offers a wide range of thermal resistance from -15 to 80 °C.

**Foamiral** can be worked with just like wood, meaning it can be cut, planed, nailed, screwed, and glued; it is also ideal for heat bonding, plastic welding, and similar processes. Moreover, it can be engraved, embossed, painted, printed, and laminated.



## Why PVC FOAM Board ( Foamiral ) ?

**Foamiral** is a non-flammable product that self-extinguishes. This modern panel material meets international standards, making it an excellent alternative to traditional and fiber wood, as well as aluminum and other composite materials.



## Foamiral VS. Others

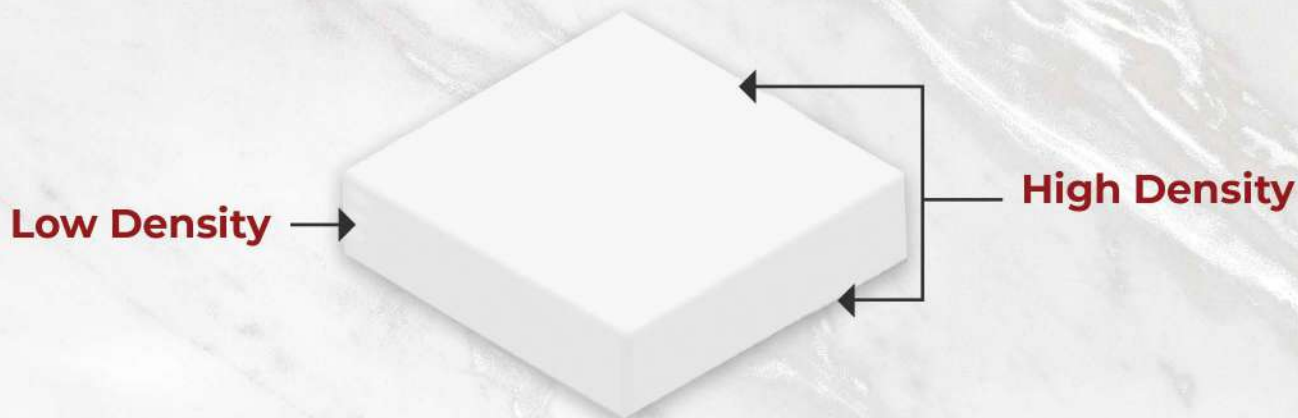
	Foamiral	MDF	POLYWOOD
1. FIRE RETARDANT	✓	✗	✗
2. ANTI-MONTH, TERMITES & PEST	✓	✗	✗
3. WATER & MOISTURE PROOF	✓	✗	✗
4. NO SHRINKING & NOR SWELLING	✓	✗	✗
5. CORROSION RESISTANT	✓	✗	✗
6. MAINTENANCE FREE	✓	✗	✗
7. ENVIRONMENTALLY FRIENDLY	✓	✗	✗
8. OUTDOOR ADAPTABILITY	✓	✗	✗
9. HIGH SCREW & NAIL HOLDING	✓	✗	✓
10. RECYCLABLE	✓	✗	✗
11. ZERO WASTAGE	✓	✗	✗
12. ANTI-ACID & ANTI-ALKALINE	✓	✗	✗
13. CYCLE USE TIMES FOR CONSTRUCTION	≥ 25	1	4 - 6



## Foamiral VS. Others

	TEST	UNIT	VALUE
DENSITY	IN HOUSE	gm/cm <sup>3</sup>	0.7-0.5
HARDNESS	ISO 868	Shore D	2 <sub>+</sub> 46
WATER ANSORPTION	ASTM D 570	%	≤ 0.8
TENSILE STRENGTH	ASTM D 638	MPa	≥ 17
ELONGATION AT BREAK	ASTM D 638	%	≥ 17
CHARPY IMPACT STRENGTH	ASTM D 256	J/m	29
IZOD IMPACT STRENGTH	ASTM D 258	KJ/M <sup>2</sup>	≥ 9.0
DIELECTRIC STRENGTH	ASTM D 257	Ω	5x10
SURFACE RESISTIVITY	ASTM D 257	Ω / cm	2x10
VICAT SOFTENING TEMPERATURE	ASTM D 648	°c	≥ 80
COEFFICIENT OF LINEAR EXPANSION	ASTM D 1525	cm/cm°C	06-07
THERMAL CONDUCTIVITY	DIN 52616	W/mk	0.5-0.07

## Foamiral VS. Others



	<b>STANDARD</b>	<b>OPTIONS</b>
WIDTH	1220 mm	≤ 1220 mm
LENGTH	2440 mm	∞
THICKNESS	4.5 mm - 17 mm	3 mm - 25 mm