

Your benefits at a glance



Lightweight: Compared to compact sheets, Foamlite® G is up to 30 percent lighter, making it a valuable contributor to weight reduction and facilitating easier handling.



Robust: Foamlite® G has high mechanical stability, scratch and shock resistance.



Easy to clean: Foamlite® G is easy to clean with common cleaning agents and requires little maintenance.



High-quality surface: Foamlite® G is available with a double-sided grained surface with high scratch resistance and two non-slip surfaces. A smooth surface on both sides with a higher gloss level is also available. This gives Foamlite® G a high-quality appearance.



Moisture-resistant: Foamlite® G is resistant against moisture. It does not rot and is suitable for outdoor use.



UV-resistant: Foamlite® G is UV-resistant and thus suitable for outdoor use.



Easy to work with: Foamlite® G can be worked on using conventional tools for wood and metal. The material is also easy to screw and rivet.

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Foamlite® G

The lightweight sheet

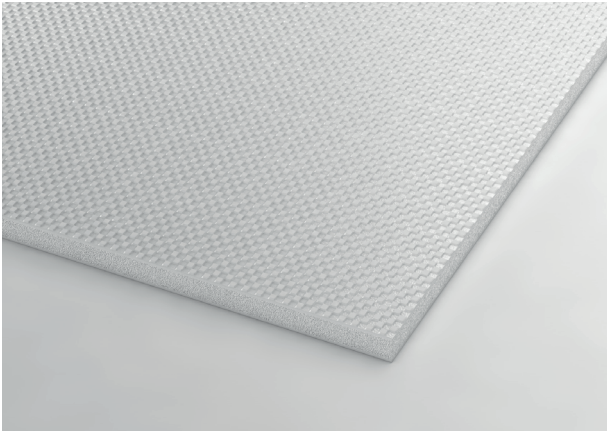
**For low weight projects indoors
and outdoors**



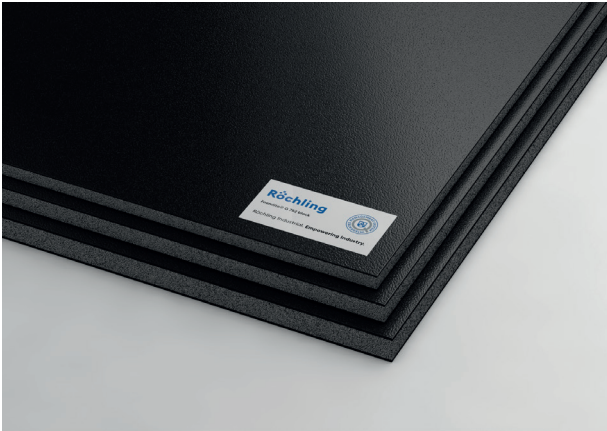
Working and recreational boats

Lightweight for greater benefits

Foamlite® G is a closed-pore foamed polyethylene sheet and is nearly 30 percent lighter than comparable compact sheets. Due to its high stability, the sheet can be used in many different areas of application. Because of the many available surface finishes, the material is ideal for working and recreational boats.



Suitable for wet areas, the “cubic grain” surface fulfils the guidelines DIN 51097 (slip class B) and DIN 51130 (slip class R10).



Foamlite® G with fine-grained surface on both sides is ideal for visually appealing projects.



Stable and moisture-resistant: Foamlite® G is particularly suitable for demanding outdoor applications.

Product line

Foamlite® G can be produced in many formats, thicknesses, colours and with different properties.

Dimensions

- Sheet thickness: 6 – 25 mm
- Width: up to 2,000 mm
- Length: theoretically unlimited

Colours

Foamlite® G can be produced in almost any desired colour.

Surface finishes

- Smooth or fine-grained surface on both sides
- “Cubic grain” or “checker grain” as non-slip surface

Many product variants, dimensions and colours are available from stock.

Technical Data

Properties	Unit	Foamlite® G
Density	g/cm ³	0.75
Moisture absorption	%	< 0.1
Modulus of elasticity	MPa	> 600
Operating temperature, long term	°C	-30...80

Processing instruction



Can be processed with conventional tools
saws | screws | drilling | rivets | milling



Foamlite® G can be welded to polyethylene sheets. The processes listed below can be used:

- Extrusion welding
- Hot gas welding



Foamlite® G for outdoor use:

- All Foamlite® G sheets are UV-resistant
- The dimensions of thermoplastic components (such as Foamlite® G) change due to thermal expansion or shrinkage. This must be considered in the design.



More information available here:
www.roechling.com/foamlite



High-quality surfaces: Foamlite® G is available with several different surface finishes to maximise safety and quality.