

# PMG® Aqua-Plas® III Ultra LG

Piedmont Marine Grade® Aqua-Plas® III Ultra LG is a lamination grade, environment-friendly PVC foam sheet manufactured specifically for fiberglass boat builders. This substrate is lightweight with superior impact strength. Aqua-Plas® III Ultra LG has excellent screw retention with a modified finish for lamination and adheres to fiberglass without surface preparation.

## Product Line

- Aqua-Plas® I Ultra
- Aqua-Plas® II
- Aqua-Plas® IV
- Aqua-Plas® V
- Aqua-Plas® Flex
- Aqua-Steel®
- Endurabond™
- StarBoard® Products
- PMG® Ultra™
- PMG® Plus
- PMG® Acrylic Mirror
- PMG® SB™ (Solar Block)
- PMG® HR™ (Heat Reflective)
- AquaGlas®
- Makrolon® M5, AR, VR
- O'Sea™
- Regalite™

**natural solutions®**  
opportunities for you to go green



Contact us today!

800.277.7898 Toll Free | 704.597.8200  
5010 West W.T. Harris Blvd. | Charlotte, NC 28269

 **Piedmont Plastics®**

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[www.piedmontplastics.com](http://www.piedmontplastics.com)

## Technical Properties

Property	Units	Test Method	Value Range
Density	g/cm <sup>3</sup>	ASTM D792	0.53 +
Water Absorption	%	ASTM 570	0.20 - 0.30
Color	ΔE	Spectrophotometer	+/- 2.0
Heat Deflection Temperature @66psi	°F	ASTM D648	150
Coefficient of Linear Thermal Expansion	in./in. °F x 10 <sup>-5</sup>	ASTM D696	2.3
Hardness	Shore D	Durometer	50
Screw Retention	psi	Instron	225 - 250
Flexural Modulus	psi	ASTM D790	185,000 - 220,000
Impact 10lbs - 5ft	P/F	Impact Drop	P

## Product Availability

### Thickness

6.35 mm (¼ in)  
 10 mm (⅜ in)  
 12 mm (½ in)  
 19 mm (¾ in)

### Sizes

48" x 96"

Piedmont Plastics® has your marine solutions. Complete all of your projects from block out panels to bulkheads with our line of substrates and accessories. Piedmont carries a comprehensive assortment of the best brands and breadth of products to service your plastic needs. With over 45 years of industry experience, Piedmont is a leading supplier of plastic sheet, rod, tube, and film throughout North America.



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