

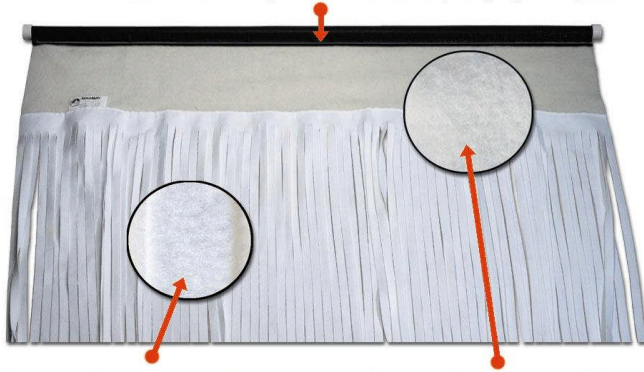
AquaMats®

for Aquaculture

AquaMats® SDF (Surface Deployed) Specifications 2005

AquaMats® stabilize and improve water quality by providing uniquely effective surface area for metabolism of excess soluble nitrogen compounds (including ammonia, nitrite and nitrates). AquaMats® provide a highly unique tool for aquaculture farms to achieve high yields at lowered risk.

Optional durable flotation element inserted in a highly UV resistant sleeve. Wave energy is transmitted to the submerged bioactive surfaces, displacing sediment accumulation and assuring high levels of periphyton growth.



Lower UltraWeave™ layer
promotes growth of biofiltration organisms and generates a three-dimensional structure for optimal provision of shelter.

Upper UltraWeave™ layer
promotes growth of benthic organisms rich in highly bio-available HUFA's, vitamins and minerals.

- **Upper Ivory UltraWeave® Layer**
Self sinking polyester fiber matrix
- **Lower White UltraWeave® Layer**
Self sinking polyolefin fiber matrix
- **Ballast Sleeve**
Carbon impregnated woven PE
- **Flotation Element**
PVC pipe with caps (not supplied)

	<u>Model 25000</u>	<u>Model 25001</u>	<u>Model 25004</u>
Width	1.85 meters (72 inches)	1.85 meters (72 inches)	1.85 meters (72 inches)
Height	1.24 meters (49.0 inches)	1.58 meters (62.0 inches)	3.0 meters (116.0 inches)
Nominal Surface Area	4.55 sq. meters (49 sq. feet)	6.32 sq. meters (68 sq. feet)	10.78 sq. meters (115.9 sq feet)
Effective Surface Area (Minimum per unit)	466 sq. meters (5,016 sq. feet)	620 sq. meters (6,674 sq. feet)	1,213 sq. meters (13,060 sq. feet)
PVC Pipe	1.00 inch	1.00 inch	1.50 inch
Positioning Bags	2 each	2 each	2 each
Useful Life	5 + years	5 + years	5 + years

Meridian Aquatic Technology, LLC
4061 Powder Mill Road, Suite 100
Calverton, Maryland, USA 20705

Phone 301-937-1240 Fax 301-595-9361 www.aquamats.com info@aquamats.com

DON'T DELAY... GET THE HIGH PERFORMANCE EDGE WITH AQUAMATS®!

AquaMats® for Aquaculture are manufactured under Issued and Pending Patents, Worldwide