

Adiomas Services-Marine Turbidity Curtain Product Range - General Specifications			
	ADSB-Contractors Curtain	ADHB-Heavy Dredging/Construction	Seacurtain-Extreme Conditions
General Construction Description	Integrated EPS Floats Polyester reinforced PVC membrane float assembly with skirt sewn to webbing tension member located below floats	Integrated EPS Floats Polyester reinforced PVC membrane float assembly with skirt sewn to webbing tension member located below floats	HDPE Moulded floats Heavy woven skirt material, multi-layered across float assembly and webbing reinforced, additional wire rope tension member if required
Most common applications	General construction turbidity curtain used for enclosed sheltered waters	Partially smooth waters heavier construction allows for frequent movement during project works Standard anchoring using Adiomas 50kg HHP Anchor kits (holding 1000kg/anchor)	Heavy construction may be used in open water. Suitable for long term or permanent installation on critical projects Adiomas HHP50 kits or up to 1000kg flipper delta pattern
Suitability Modeling	Mathematical modeling of the suitability of a product for a specific application can be supplied on the basis of the following information being provided: wind speed (m/sec), wave [height (m), length (m) and period (sec)], tidal range (m), water depth (m) and tidal stream/current flow rate (m/sec). <i>[Note: modeling is only as good as the information provided]</i>		
Standard Product Specifications			
Float Membrane	610 gsm PVC	900 gsm PVC	N/A
Float Material	100x100x1200mm square block EPS	175mm diameter x 1200 long log EPS	200mm x 900L moulded/foamed HDPE
Float Configuration	Integrated LLDPE retainer tube	Integrated LLDPE retainer tube	Two halves through bolted
Standard Tension member	29.4kN (3000kgs)	49kN (5000kgs BL)	98kN (10000kgs BL)
Float assembly longitudinal strength (includes membrane tensile strength)	59.4kN	105kN	135kN
Tension member joining	D rings and shackles	4 Bolt D Plate and Shackles	4 Bolt D Plate and Shackles
Standard Skirt	300gsm non woven 80µm	70kN woven polypropylene high performance woven filter fabric	100kN woven polypropylene high performance woven filter fabric
Skirt Joining	Sealing zipper and ties	Overlap sealing flap combined with zip closure and ties	Overlap sealing flap combined with zip closure and ties
Standard Ballast	6-8mm proof coil galvanised chain	8-20mm proof coil galvanized chain	10-20mm proof coil galvanized chain
Ballast joining	D rings and shackles	4 Bolt D Plate and Shackles	4 Bolt D Plate and Shackles
Standard lengths	15m	50m & 100m	50m & 100m
Anchor Points	At 15m section joins	12.5m intervals	12.5m intervals
Package size	Bales to 500m (subject to delivery method)	Bales to 200m (subject to delivery method)	Bales to 200m (subject to delivery method)
Options			
Float Options	125mm, 150mm square block	200mm & 250mm log	To 500mm in 50mm increments
Tension member strength options	To 49kN	To 98kN	Custom spec to 500kN
Skirt Strength Options	Non woven geo-textile	To 100kN/m/wide width tensile	To 250kN/m/wide width tensile

Skirt Depth Options	To 8m	To 12m	To 25m
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