

TYPE 2 PERMEABLE TURBIDITY BARRIER 12" FLOAT

PRODUCT SPECIFICATION SHEET

Floating Turbidity Barriers (also known as Turbidity Curtains or Silt Curtains) create a barrier to prevent turbid (cloudy) water from entering clear water. Floating Turbidity Barriers should be used to isolate active construction areas within or adjacent to a body of water to control and contain silt and sediment.

APPLICATION:	Ideal for moving water applications such as rivers, inland waterways, harbors, and lakes
FLOATATION:	12" Polystyrene float with a buoyancy of 53 lbs/ft ² , sufficient to keep the barrier at a minimal elevation of 3 inches above the water line.
SKIRT DEPTH:	Skirt depth will be based on project requirements. The skirt will consist of a polypropylene sieve 70 monofilament filtration geotextile panel. 21 ft. and above
FABRIC:	18 or 22 oz/yd ² reinforced Vinyl Fabric (PVC) yellow in color, with UV inhibitors and a minimum grab tensile strength of 400 or 500 lbs.
TOP TENSION CABLE:	5/16" galvanized top load carrying cable placed immediately above floatation. Cable is finished off at aluminum connectors in order to transfer and distribute any load across other barriers. Breaking Strength is 10,000 lbs.
BALLAST CHAIN:	5/16 inch galvanized ballast chain at the bottom edge of skirt. Chain is enclosed in a pocket. Breaking Strength 7,600 lbs. and weight is 1.00 lb/ft.
CONNECTORS / ENDS:	Top 24" consist of ASTM, Marine Grade Aluminum Universal Slide connectors with grommets for lacing below the connector to the bottom edge of skirt. Extreme edges are reinforced with 5/8" poly rope.
SEAMS:	All horizontal seams are 100% heat welded and all vertical seals are 100% RF welded as recommended by fabric manufacturers
DOT – COMPLIANT:	Enviro-USA Type 2 Permeable Turbidity Barriers <u>are compliant</u> with most DOT Type 2, medium duty and moving water requirements.

