

Silt Curtains

When working in or near waterways, the issue of pollution run-off is a critical factor in environmental management of a construction site. Pollution can vary from silt and sediment, usually as a result of splash and sheet flow erosion, or oil and fuel discarded from on-site machinery, spills, etc.

Silt Curtains are installed within the waterway directly surrounding the work site to help control movement of various pollutants. The geotextile works to both capture sediment and reduce speed of water flow, allowing the silt to drop to the bottom of the waterway. These products consist of a length of Styrofoam covered in oil-resistant, UV treated PE/PVC fabric, with 'C' Class geotextile attached, dropping at a desired measurement, held down with chains (complete with purchase) that are generally fastened to anchoring weights on the waterway floor.

EESA Silt Curtains are manufactured on request to specific sizes. They come securely packed and are easy to unravel, assemble and put into operation.

- Consists of:** - 100mm x 90cm Styrofoam floatation device, covered in UV resistant PVC fabric
- 270gsm ('C' Class) Geotextile drop
 - Handles at every metre to allow for easy handling
 - comes with floats & chains

Curtain Length	Drop Length				
	1	2	3	4	5
10			✓		
15	✓	✓	✓	✓	✓
20		✓	✓	✓	✓
25		✓			



Deploying Floating Silt Curtains

1. Install mooring points after determining location of shore mooring.
2. Appropriate moorings such as anchors, posts or precast blocks can be used depending on the ultimate curtain loading.
3. Unfold and place curtain panel near deployment or suitable flat area.
4. Install floats in float chamber utilising draw chord provided.
5. Compress completed curtain so that float pocket, skirt and ballast pocket are concertinaed together and secured using ties cables. This will provide least resistance for deployment.
6. Deploy curtain and secure at pre-determined anchor and mooring points.
7. Cut tie cables to allow the skirt and ballast pocket to sink.
8. Secure the Floating Silt Curtain ends utilising the top webbing and continuous ballast chain.

