



Marine construction, bridge maintenance, aquatic site work and dredging are among many scenarios that place ecosystems under great strain. Envirosmart Silt Curtains play an integral role in reducing environmental impact in waterways, creeks, dams and oceans.

SpillSmart Type 2 Silt Curtains have been designed for conditions with mild moving water, wind and waves may be present. We have found for many clients, manufacturing the curtains in 20meter lengths (where possible) provides the most cost-effective build.

SpillSmart Silt Curtains are Australian Made and can be customised to suit project requirements with efficient turnaround times. Please contact your Envirosmart distributor for further information..

Designed for:

- Shoreline restoration
- Bridge construction
- Rock walls on the foreshore
- Construction sites on or near waterways
- Dredging
- Piling repairs
- Foreshore development
- Sediment ponds
- Boat Ramp Upgrades
- Marine constructions

Specifications:

- Closed cell foam floatation
- 270gsm geotextile
- 610gsm UV stabilised PVC
- 50mm high tensile webbing with 2T break strain - 1 above float chamber. 1 bellow float chamber.
- Standard ASTM F962 aluminium Z-connectors
- Marine grade #10 YKK zipper on skirt
- Galvanised chain ballast

Type 2 Technical Data Sheet - 2 Metre depth example

1	Design Criteria	Unit	For Information
1.1	Section Length (curtain)	[m]	20
1.2	Depth (curtain)	[m]	2
1.3	Suitable Location	[Max. Sea State]	2
2	Materials	Unit	Min. Required / Proposed
2.1	Float		PE Closed Cell Foam
2.2	Float Chamber		UV Resistant PVC 610gsm
2.3	Tension Member		50mm High Tensile Webbing
2.4	Skirt	Non-Woven Stable Fibre Geotextile 270 gsm	
2.5	Chain Pocket		UV Resistant PVC 610gsm
2.6	Ballast Material		Galvanised Chain
2.7	Upper Connection		ASTM Z Connector
2.8	Skirt Connection		#10 Marine Zipper
2.9	Handles		High Tensile Webbing
3	Physical Dimensions	Unit	Min. Required / Proposed
3.1	Freeboard	[mm]	140
3.2	Number of Handles	[qty]	4
3.3	Tension Member Width / Diameter	[mm]	50
3.4	Tension Members	[qty]	2
3.5	Tension Members breaking strain	[kg]	2000
3.6	Geotextile Pore Size	[micron]	90
3.7	Geotextile Flow Rate @ 10cm head	[l/m ² /sec]	100
3.8	Chain Gauge	[mm]	6
3.9	Chain Weight	[kg/m]	0.83
3.10	Float Cross Sectional Area	[m ²]	0.01
3.11	Float Length	[mm]	1200
3.12	Float Buoyancy (seawater)	[kg/m ²]	10.3
3.13	Curtain Buoyancy Factor	[multiple]	5.05