



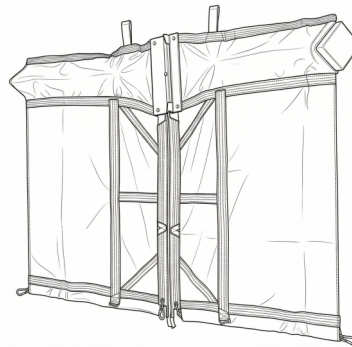
Marine construction, bridge maintenance, aquatic site work and dredging are among many scenarios that place ecosystems under great strain. EnviroSmart Silt Curtains play an integral role in reducing environmental impact in waterways, creeks, dams and oceans.

SpillSmart Type 2 PLUS Silt Curtains have been designed for larger waterways and areas of medium to strong tidal movements. (strong winds and waves may be present.) *Not suitable for open ocean or extreme weather events. 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:

- 100mm x 100mm – 150mm x 150mm square closed cell PE Floats
- 900gsm, PVC, UV stable float pocket
- 900gsm, PVC, UV stable chain pocket
- 270gsm, PP, needle punched geotextile (AS801)
- XR5 corner patches

Type 2 PLUS 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
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		Webbing
2.4	Skirt	Non-Woven Stable Fibre Geotextile 270 gsm	
2.5	Chain Pocket		UV Resistant PVC 900gsm
2.6	Ballast Material		Galvanised Chain
2.7	Upper Connection		ASTM F962 Z-Connector
2.8	Skirt Connection		#10 Marine Zipper
2.9	Handles		50mm Seat Belt Webbing
2.9.1	Strength tensions on skirt		25mm Webbing
2.9.2	Reinforced corners		50mm Seat Belt Webbing
2.9.3	Reinforced corners		Elvaloy
3	Physical Dimensions	Unit	Min. Required / Proposed
3.1	Freeboard	[mm]	140
3.2	Number of Handles	[qty]	5
3.3	Tension Member Width / Diameter	[mm]	50
3.4	Tension Members	[qty]	2
3.5	Geotextile Pore Size	[micron]	90
3.6	Geotextile Flow Rate @ 10cm head	[l/m2/sec]	100
3.7	Chain Gauge	[mm]	8
3.8	Chain Weight	[kg/m]	1.45
3.9	Float Cross Sectional Area	[m2]	0.01
3.10	Float Length	[mm]	1200
3.11	Float Buoyancy (seawater)	[kg/m2]	10.3
3.12	Curtain Buoyancy Factor	[multiple]	5.85