

THE AUSTRALIAN BOOM & BAFFLE CO

MENTANZA PTY LTD ABN:59 071 127 798

Foreshore Reconstruction Vaucluse, Sydney

PRODUCT SUMMARY

- Length 60m (supplied in 4 x 15m segments)
- Float chamber and ballast pocket constructed from Gale Pacific Complas 900 gsm PVC
- Skirt constructed from geotex 1751
- 1.5m deep skirt
- 6mm ballast chain to seal to sea bed

CLIENTS

Reseller;

Complete Hire, Canterbury, Sydney,
Australia

Contractor:

DLM Constructions, Sydney,
Australia

THE AUSTRALIAN BOOM & BAFFLE CO

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DLM Construction a client of Complete Hire had a requirement for a durable turbidity curtain to be deployed around a foreshore remediation project which included the construction of a harbour side pool.

An AB&BCo type II (enclosed water) float and ballast assembly constructed from 900 gsm PVC, reinforced using two 20kN webbing reinforcements located above and below the float line and fitted with closed cell polyethylene block floats.

A 600gsm heavy weight fabric (Geotex 1751) was selected for the 1.5m deep curtain. The use of this heavy fabric ensured added durability over the rocky tidal shoreline.

Skirt ballast was provided using 6mm galvanized chain contained in a ballast pocket also constructed from 900gsm PVC and reinforced using a 20kN webbing. Despite the bulk of the Geotex 1751 in the skirt the 6mm chain provides adequate ballast (See Photos).

The curtain was supplied in four 15m segments, these were joined on the float line using ASTM 962 pattern connectors and the webbing reinforcement was joined using stainless steel D rings and shackles. The skirts were joined using ties as 200mm intervals and the ballast is joined using D rings on the webbing reinforcing integrated with the ballast chain. The curtain skirts were furled and tied to the float assembly to ease deployment.

Shore attachment was via angle plates bolted to the seawalls, primary connection was to the webbing reinforcement at the waterline. Secondary attachment was to the ASTM 962 pattern connector.

AB&BCo is able to provide pre-assembled turbidity curtain packages complete with all necessary accessories ex works