



A-BOOM

PROVEN OIL SPILL TECHNOLOGY

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A-BOOM - a new environmentally friendly fence boom

DESMI Ro-Clean has developed a new, very environmentally friendly Fence Boom which will suit most protection purposes with regard to oil spill response in a large number of protected water areas. The boom is known as "A-BOOM"

The A-BOOM is an inexpensive boom designed for first response and rapid deployment in the event of an oil spill in a harbour, jetty, lake or other protected water area.

The standard section length is 15m and the connection type is the well-proved U-bolt system for which replacement parts can be easily sourced locally.

As the weight of the boom is only 1.5 kg/m, a 15m section weighs only 22 kg.

Unlike many other types of boom, the A-BOOM has a certificate showing that it can be burned immediately after operation.

The fabric used is PP and the floats are made of HDPE. This simple boom has vertical stiffeners which are made from fumigated bamboo rods which can also be immediately burned.

The 15m sections are delivered in a PP bag which can easily be handled by 2 persons.



Advantages of A-BOOM:

- Extremely lightweight and can be handled and deployed easily by 1 or 2 people
- Contrary to many other types of boom this boom is based upon materials well known to be accepted for burning after use. Only the chain needs to be removed.
- Despite the low cost, it is still fully UV and oil resistant
- Manufactured from HDPE and PP, with bamboo rods to add rigidity to the boom
- The boom has a standard length of 15m, and is provided in a lightweight bag which is easy to handle
- No ancillary equipment required for deployment or recovery
- Can be easily re-packed for future deployments once recovered

Technical data

Freeboard:	0.25 m / 10 in
Draught:	0.5 m / 20 in
Width (Deflated):	0.75 / 30 in
Standard length:	15 m / 49 ft
End connectors:	U-bolts
Skirt material:	Coated PP
Colour:	White
Floatation:	HDPE
Flo. Member length:	0.31 m / 12 in
Weight:	1.5 kg/m / 1lb/ft
Res. Buoyancy:	5.8 kg/m / 1.77 lb/ft
Ballast material:	El galvanised chain
Ballast weight:	0.3 kg/m / 2 lb/ft
Tension members to support the boom:	3
Tension member strength:	3xPE band, each 12000 N
Fabric tensile strength:	50 N/mm
Section storage volume:	0.4 m ³
Section weight:	22 kg
Packed dimension for the bag:	95x80x37cm

For more information on Oil Spill Response systems, please visit www.desmi.com

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