



RO-BOOM BEACH 800 - shore seal oil containment boom

PROVEN OIL SPILL TECHNOLOGY

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RO-BOOM BEACH is a special beach sealing boom from DESMI Ro-Clean which is made from the rugged RO-BOOM material.

This heavy-duty boom allows us to provide a shore sealing boom for applications where the boom will regularly be sitting on a tough surface which would damage booms made from lesser materials.

RO-BOOM BEACH is a special purpose containment boom that utilises water ballast. The water is pumped into two tubes along the bottom of the boom. This water acts as ballast when the boom is floating; once the boom is stranded these tubes sit on the ground and form a seal. The two fins running the length of the water tubes aid this effect. RO-BOOM BEACH is able to make the transition between the water and land and prevents the spread of oil in these regions.

RO-BOOM BEACH can be deployed on beaches with relatively low waves, swamps, lagoons and other areas where the water level is shallow or changes due to tide, rains or flooding. RO-BOOM BEACH is fitted with a single air tube along the top of each section. This chamber is inflated and the boom can be towed to the deployment location. Once on site the water tubes are filled. Sections of the boom are connected with ASTM aluminium quick connectors, and other types of boom can also be connected using these connectors. The smooth parallel surfaces of the boom are easy to clean.



Advantages of RO-BOOM BEACH:

- Twin water tube and single air tube
- Contain oil in tidal areas
- Ideal for swamps, lagoons, beaches and wetlands
- Heavy-duty construction
- Superior abrasion resistance
- Bottom and top fins for beach sealing and splash-over protection
- Connect with other booms fitted with ASTM connectors
- Easy to clean
- Long service life

TECHNICAL DATA

RO-BOOM BEACH 800 can be supplied in plywood boxes with handles, or in reinforced carry bags for transportation on site. Longer lengths of RO-BOOM BEACH can be supplied on hand or powered reels for quick deployment and assisted recovery operations. The materials

used in the RO-BOOM BEACH 800 are the same that are found in the offshore RO-BOOM - which are known to withstand long-term exposure to hydrocarbons and weathering. These materials have exceptional resistance to abrasion, puncture, ozone and UV light. Auxiliary equipments such as air blower, water pump, tow bars, bridles, anchors and ropes can be stored in a specially designed service container.

Width (Deflated):	0.8 m / 31.5 in
Standard section lengths:	10, 15 m / 32, 49 ft other section lengths on request
Freeboard:	0.31 m / 12 in
Operational depth of skirt:	0.32 m / 12.5 in
Ballast:	Twin water tubes
Operational weight:	6 kg/m / 4.3 lbs/ft
Buoyancy chamber length:	10 or 15 m / 393 or 590 in
Section connector:	ASTM or Stainless steel hinge
Standard colour:	Black with high visibility yellow marker stripes
Tensile strength of boom wall:	400 N/mm / 2280 lbs/in
Material operational temperature range:	-35°C/-4°F to +70°C/158°F
Stored temperature range:	-40°C/-40°F to +70°C/158°F