



PyroBoom®

PROVEN OIL SPILL TECHNOLOGY

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DESMI

PyroBoom®

PyroBoom® has been demonstrated to maintain its effectiveness and structural continuity even after exposure to a 2400 of fire for up to 24 hours. Operationally, PyroBoom® exhibits the toughness and durability that are the trademarks of its AFTI siblings, GlobeBoom® and Oil fence™.

In-situ burning of oil spills is becoming recognized as an effective and efficient solution to removal of spilled oil. PyroBoom® from Applied Fabric Technologies is a unique barrier utilizing a blend of refractory fabrics and metals to achieve a continuous burning capability of over 24 hours in a boom with conventionally geometry and sea keeping characteristics. Applied Fabric Technologies has been developing PyroBoom® since 1983 to meet the strenuous and unique operating regime of in-situ burning of petroleum spills.



PyroBoom® is a solid flotation barrier that combines a unique wire reinforced refractory fabric for the above surface barrier with conventional GlobeBoom® fabric for the skirt. The glass foam filled, steel hemispheres are mechanically attached to the barrier. The modular construction allows for easy salvage, maintenance and repair in the field.

TECHNICAL DATA

Fabric:

Fireproof section consists of silicone coated, high temperature metallic (Inconel®) wires interwoven with similar wires and refractory materials (Fiberfrax®). For strength and flexibility below the water line, AFTI's proven PVC coated Polyester "ED" fabric is used.

Dimensions:

Draft: 48.3cm-nominal

Freeboard: 27.9cm-nominal

Overall Height: 76.2cm

Temperature Range: -48° to + 1315°C-approx.

Weight: Approximately 13.4 kg/m

Buoyancy: To Weight Ratio-approx 3.15:1

Total available buoyancy approx 42.1 kg/m

Fabric:

Tensile strength: 178.6 kg/cm width >

13636 kg total-not including chain

Tear-across length: 227 kg

Floatation: Stainless steel hemisphere filled with

a high temperature foam material

Ballast: 8mm hot dipped galvanized

chain-1.52 kg/m