

A microscopic view of a porous, dark material with numerous small, irregular holes. The material is illuminated from within, causing the particles and the edges of the pores to glow with a bright, golden-yellow light. The overall effect is a dense, sparkling texture.

Oil spills

SUPERABSORBER

Oil Spills on land, at sea or on ships will always occur. Despite precautions it will happen again...

The question raised is how to be prepared, and how to cope with the spills. This is always a difficult task, and one will never be able to provide full protection.

Thulica AB of Sweden has worked with environmentally friendly products for years, and has developed a product which has shown excellent performance in the ability of collecting oil. The product is made from natural fibres. By its special mesh construction it has two unique properties: **ABSORPTION** and **ADHESION**. The amount of oil attached to the net is considerable.

Based on official test results carried out by Sintef, Trondheim, Norway, the mesh will absorb oil with viscosity of 500 cp 3-4 times the specific weight of the mesh.

Experiments with heavy fuel IF 80 at 0 centigrades in the water showed lower absorbing capacity. On the other hand, the adhesion power for this oil was great, and the test proved that the mesh could retain 4 l/m². The test also concluded that the natural fibre mesh was very promising in collecting bunkers oil, even in cold water. The state of the fibres, wet or dry, had little or no effect on their ability to absorb/adsorb oil.

Most of today's alternative products are made from synthetic or chemical materials. They have to be disposed of at special plants at high costs to avoid dangerous exposures and pollution of the environment.

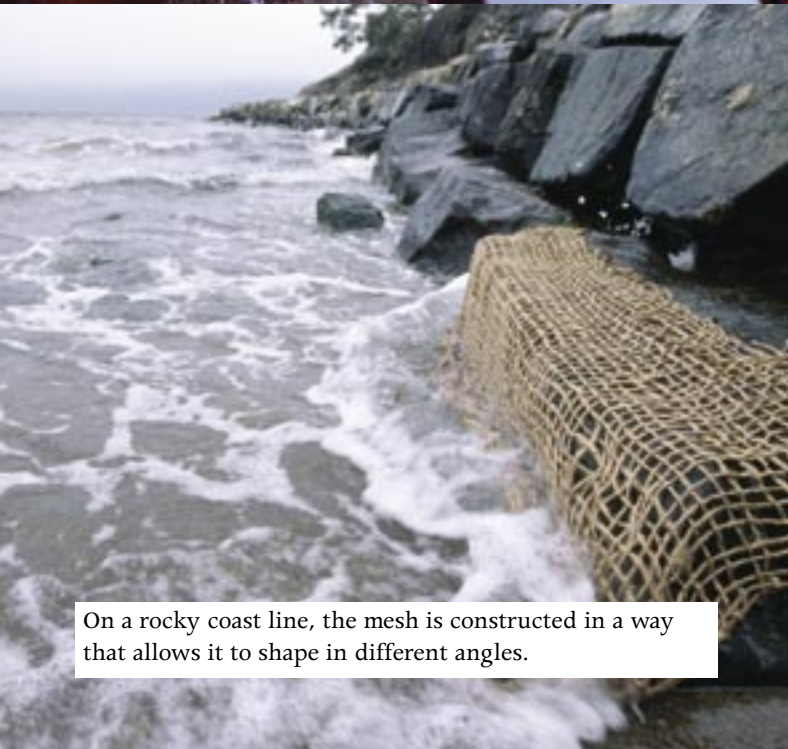
The natural fibre mesh is environmentally friendly, and the oily mesh can be burned onboard or onshore without having more negative impact than burning the oil itself.



The Superabsorber comes in rolls of 50 metres, 1.20m wide, weight 30 kg



The Superabsorber is known for its ability to collect large quantities of oil.



On a rocky coast line, the mesh is constructed in a way that allows it to shape in different angles.



Easy to handle, and is rolled out in minutes on land, on water.



The super Absorber is also available in small cuts, able to blow into confined spots.



The Super Absorber will also be delivered in mats 0.60m x 0.60m suitable for small spills.

Natures own product helps keeping the environment clean



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