

SCOPE

Substrates: bare rocky surfaces and installations

Pollution: moderate to heavy

Pollutant: fluid to viscous

Sea: with or without tides



EQUIPMENT NEEDED

Basic equipment:

- Film-forming agent

Extra equipment:

- Spreading means
- Thermal pressure washer (preparation)

DESCRIPTION/PRINCIPLE

This product is designed to be spread on hard, consistent bare surfaces, before the pollution arrives, so as to reduce the adherence of the oil and to facilitate clean-up operations. Film-forming agents are made of a non-toxic, biodegradable polysaccharide compound (alginates, pectins) made from seaweed.

They are stored as powder and easily mix with hot water to form a gel which is sprayed onto the rocks. Once they are dry, they form a very thin protective film to which the pollutant cannot stick. A simple low pressure hose can be used to remove the pollutant in areas where pressure washing with hot water, and possibly washing agents, would otherwise have to be carried out.

CONDITIONS OF USE

Pollution: moderate to heavy: all types of oil.

Substrate: infrastructures, installations, riprap, rocky surfaces.

Site: easily accessible (land or sea).

IMPACT ON THE ENVIRONMENT

Physical: none

Biological: none, does not impede gas exchange; non-toxic and biodegradable.

PERFORMANCE

Yield: varies according to the site.

Waste: none

OBSERVATIONS

- Dries in a few hours (depending on the weather conditions).
- Short duration: lasts 3 days max.
- Instantaneous preparation (powder, hot water, pressure washer).
- Can prove useful on sheltered limestone cliffs and on the upper beach in the Mediterranean for instance.
- Effective for protecting response equipment (boom, skimmer): facilitates post-pollution washing.