

SUSTAINABLE ABSORBENTS 100% NATURAL

THE CORKSORB PRODUCTS ARE ABSORBENTS DESIGNED TO
DEAL WITH ANY KIND OF HYDROCARBONS, OILS, SOLVENTS
AND ORGANIC COMPOUNDS SPILLS.



AMORIM

AMORIM ISOLAMENTOS, S.A.

about Corksorb



THE NATURAL CHOICE

CORK IS A 100% NATURAL PRODUCT, COMPLETELY RENEWABLE, EXTRACTED FROM THE BARK OF THE CORK OAK

The cork oak is the basis of an ecological system that is unique in the world. It contributes to the survival of many native species of fauna and flora and prevents desertification in vulnerable areas. It is fundamental to preserve the surrounding environment.



Among the various characteristics that distinguish the cork oak from the other trees in its botanical species, what stands out most is its capacity to regenerate naturally after each extraction of its bark, the cork.

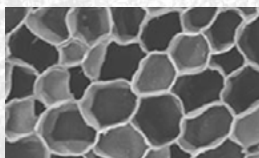


The lifespan of a cork oak is between 170 and 200 years, during which time its bark may be stripped around 15 to 18 times.

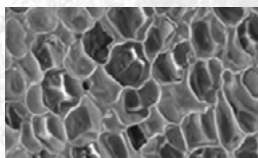
Regular extraction of the cork is a fundamental contribution for environmental, economic and social sustainability of the rural areas of the Mediterranean region where the cork oak may be found

CORK ABSORPTION MECHANISM

The cork used in the CorkSorb products is selected and heat treated (NO ADDITIVES) in order to have the best performance to sorb hydrocarbons, oils and organic compounds. In these conditions cork has a strong affinity with hydrocarbons and the sorbent effect is instantaneous. The cork cells suck the oil by capillarity and retain it.



Cork cells observed by electronic microscopy



Cork cells after sorbing oil observed by electronic microscopy

"The process of cork extraction is called stripping, a highly specialized process that guarantees that the tree is not harmed"

CORKSORB CERTIFICATES



The absorption capacity of CorkSorb granules was tested on French standards AFNOR NFT 90-360



The absorption capacity of CorkSorb granules was tested on American standards ASTM F726-12, Standard test method for sorbent performance of adsorbents



Our Cork is listed as an absorbent in the National Contingency Plan product schedule of USEPA (United States Environmental Protection Agency). Our Cork was tested by USEPA 1311 - TCLP (Toxicity Characterization Leaching Procedures)



Our Cork is approved by Baseefa to work on ATEX areas.



Our cork is certified by the international institute DEKRA in Germany and fulfil the requirements of the Germany Federal Ministry of Environment, Nature Conservation and Nuclear Safety, 12 March 1990, for absorbents Type I, II, III

CORKSORB AWARDS



The Environmental Innovation Award 2010



Green Project Awards 2011 ("Product" category);



Environmental Business Awards for the Environment 2011 ("Product" and "Business & Biodiversity" categories);



Product Innovation Award promoted by Cotec and Unicer 2012;



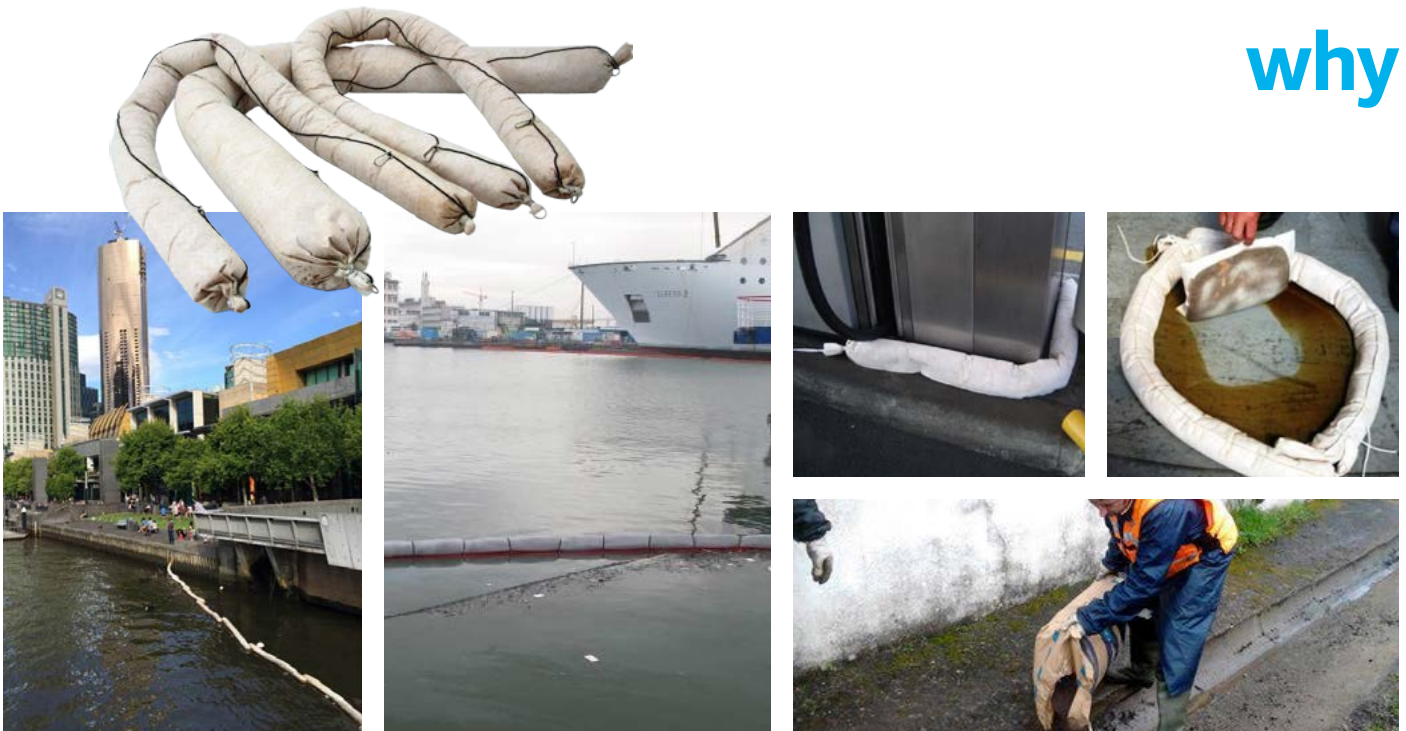
Innovation award in Annual Cork Gala 2012.



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why



CORKSORB LOOSE GRANULES

CorkSorb loose granules are supplied in 25l and 75l recycled paper bags. Super absorbent, hydrophobic and lightweight.

Absorption capacity: 1 kg of heat treated cork absorbs up to 9,43 liters of oil (1 kilo / 9,43 liters)

NO TOXIC, NO ADDITIVES

Its lightweight characteristic makes it very easy to handle and use, therefore the operators' efficiency is increased and the risks of accidents highly decrease

Sorbed Hydrocarbons will not leach out. Totally safe for the environment.

Highly reduce the vapors when dealing with flammable liquids

Cost effective

Unlimited shelf life when kept dry

An almost inert behavior when in contact with chemicals (does not provoke dangerous interactions)

Non abrasive

Controlled granulometry (avoid dust concentration – potentially explosive)

Environmental friendly disposal options

CORKSORB BOOMS

Super absorbent, high retention capacity (non-leaching), highly hydrophobic and floats even after saturation.

Very effective in water environments (lakes, rivers, harbors, dams, shores).
Supplied in 3m, 6m and 12m lengths.

CORKSORB SOCKS AND PILLOWS

Super absorbent pillows for spills. CorkSorb socks and pillows have a durable, tear, tough resistant cover. Allows a fast absorption.



applications



ON-SHORE / OFF-SHORE OIL AND DRILLING COMPANIES

When drilling, crude can sometimes be spilled onto the surface. CorkSorb is then sprayed on the spill to absorb and contain the oil from spreading.

***“Super absorbent,
Hydrophobic and light
weight in any spill”***



AIRPORTS

In case of a spill, it must be cleaned immediately. FBO's and ARFF's are always concerned about the safety on their airports. CorkSorb has an incredible performance with Jet fuel and in reducing vapors.



TRUCK FLEET

CorkSorb is very light and fits properly in a small space. If any minor spill happens, now you can deal with it fast, efficiently and with no environmental concerns.



PETROL STATIONS

Small spills happen constantly in petrol stations. Use CorkSorb to clean the spill right away.

REFINERIES

CorkSorb is a super absorbent that also suppress vapors. Spills are now easier and safer to clean up helping preventing any natural disasters.



FIRE DEPARTMENTS

CorkSorb is very useful on a fire truck. Fast, easy and environmental friendly clean-up.



INDUSTRY AND FACTORIES

CorkSorb spill kits and CorkSorb granules are very handy in factories for a fast response when a spill occurs. Best way to prevent small spills from becoming big spills.



MINES

Diesel fuel, lubricants, solvents, and other chemicals are all used and stored at project sites. Contractors that are responsible for transporting such materials are aware of the associated environmental hazards, and should have CorkSorb to deal, efficiently and safely, with a major or a minor spill.

DAMS, PORTS, HARBORS AND MARINAS

CorkSorb is 100% natural, hydrophobic and efficient product, which is ideal to be used in waters and port authorities.



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products

100% NATURAL ABSORBENTS

A 100% natural and Sustainable cork absorbent manufactured by Amorim Isolamentos SA. Corksorb will absorb oil and NOT water due to the hydrophobic characteristics. Corksorb products absorb instantly on contact decreasing the risk of environmental contamination and are suitable for all fuels and hydrocarbons.



CORKSORB LOOSE GRANULES

Granular heat treated cork, Oil-only super absorbent and lightweight. Absorb hydrocarbons, oils and chemicals without absorbing water.

Absorbs oil on contact

Hydrophobic

Lightweight

Vapor suppressing

Non-leaching

Cost effective

Controlled granulometry

Granular natural cork granules (without heat treatment), Universal absorbent (absorbs water) and lightweight are also available.

Oil-Only reference's
G01006 (75l recycled paper bag)
G01025 (25l recycled paper bag)

Universal reference:
G03025 (25l raffia bag)



CORKSORB PILLOWS

Oil-only, super absorbent pillows.

Filled with heat treated cork

30cm x 30cm (40 pillows per pack)

45cm x 45cm (12 pillows per pack)

References:
P30x30
P45x45



CORKSORB SOCKS

Oil-only, super absorbent socks.

Filled with heat treated cork

Available in 1,2m and 3m lengths

References:
S07120
S07300



CORKSORB BOOMS

Super absorbent, non-leaching and very hydrophobic booms, designed to contain and absorb oils and solvents in marine environments.

Filled with heat treated cork

Available in 3m, 6m and 12m lengths

Skirt for booms as an option (contention + absorption)

References:
B12300
B121200
B20300
B20600



CORKSORB BILGE BOOMS

Oil-only, Super absorbent bilge booms, designed to be used in contaminated waters with difficult access.

Filled with heat treated cork

Available in 60cm lengths

References:
K20060



CORKSORB SPILL KITS

Super absorbent spill kits, designed for a quick and efficient response in an emergency spill situation.

Reusable package

Easy to transport, handle and allocate

References:
KT0036 (Compact)
KTFW84 (Wheelie bin)
KTME84 (Wheelie bin)
KT0012 (Backpack)
KTG012 (Backpack)
KT0021 (Backpack)
KT0030 (Backpack)



***“AMORIM ISOLAMENTOS SA is proud
of the important role it plays in ensuring the viability of cork oak forests
a totally unique ecosystem that embodies the concept of a future
in which humanity develops in harmony with nature”***

AUTHORIZED DISTRIBUTOR

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