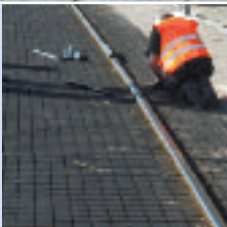


OIL-EX®



Absorption mat for oils, lubricants, motor fuels and organic solvents; environmental care for parking and maintenance areas, filling stations and machine storage places etc.

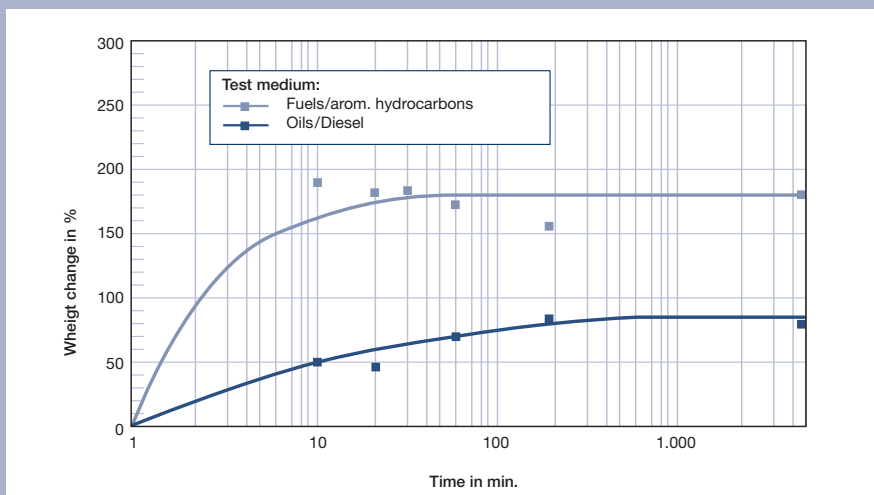
We take care in protecting the environment

Environmental care in two ways

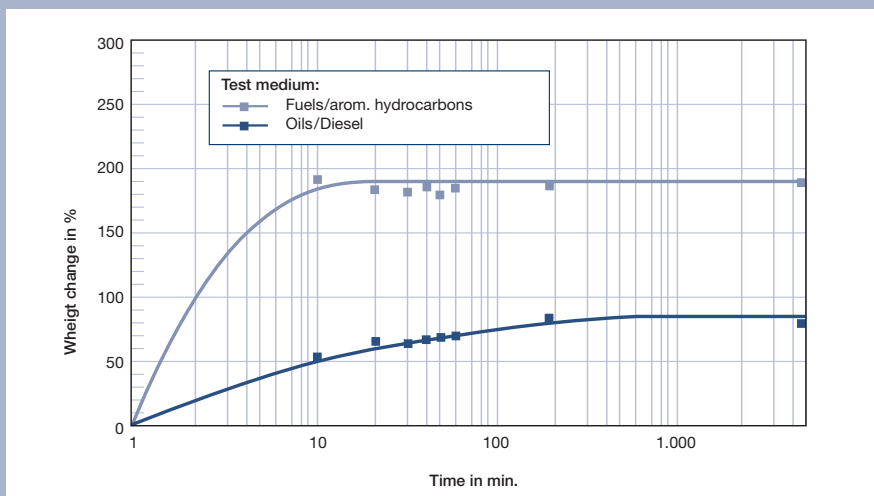
The absorption mat OIL-EX® is manufactured from elastomeric materials and consists of a top absorption layer of bound pelleted rubber and an impermeable layer on the rear side of the mat to prevent contamination of the sub-grade.

OIL-EX® absorbs liquid hydrocarbons, such as oil, lubricants of low viscosity, motor fuels and organic solvents and selectively binds hydrocarbons from emulsions.

The before mentioned substances are soaked up and chemically bound by the top layer. The absorbed liquids cannot be squeezed or washed out. The absorbing layer is water repellent, so that water can run off its surface. Since the main part of the mat consists of recycled rubber the OIL-EX® is thus eco-friendly in two ways.



Absorption rate in undiluted test liquids



Absorption rate in diluted test liquids



Protection during maintenance



Provisional storage of machinery

OIL-EX® protects the ground from harmful substances. Whether for temporary or permanent use the mat is suitable for all areas where leakage or sealing problems occur. The OIL-EX® is best recommended for storage, parking, cleaning areas as well as for repair areas of mechanical equipment. It is especially suitable for large outdoor areas of unconsolidated ground.

The drainage of the liquids is improved by longitudinal and transverse grooves. While absorbing liquid the mat swells and as a result the grooves are beginning to close. Once the grooves are closed the maximum absorption capacity of the OIL-EX® mat is reached.

With larger areas full mat sections can easily be replaced with new mat pieces by cutting out the full mat and fitting in a new one of the same size.



Characteristics

- Absorption rate is not influenced by weather or temperature
- Short absorption time
- Full pedestrian access, limited vehicle traffic
- Absorbed liquids cannot be squeezed or washed out
- Can be used on unconsolidated ground
- Easy handling (installation, cutting to size)
- Suitable for mobile use
- Shock absorbing effect
- Noise and thermal insulation



Contamination e. g. by oil



Absorption of oil



Accessibility of OIL-EX® mat after absorption



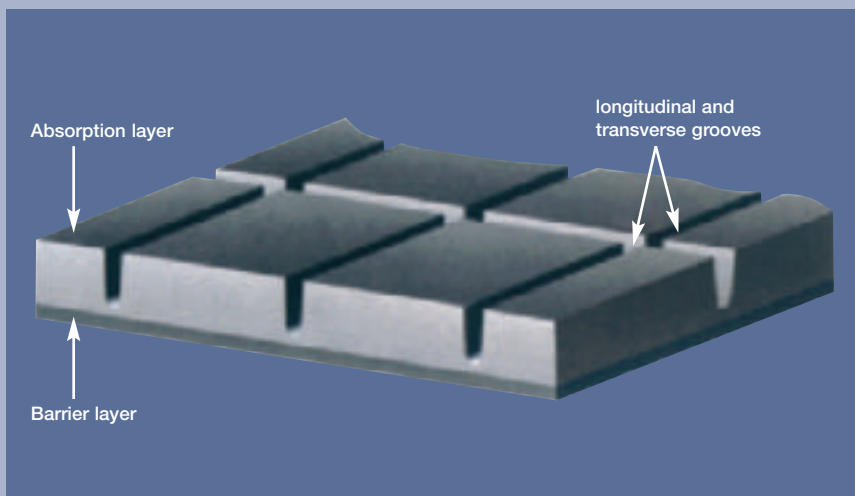
OIL-EX® for locomotive parking areas



Protection of hydraulic machines

Fields of application

- Parking and maintenance areas of road and rail vehicles
- Permanent or temporary machine storage areas
- Protection of hydraulic equipment
- Fuel and lubrication transfer and storage depots
- Filling stations
- Loading areas etc.



Design of OIL-EX®



Joint connection

Mat ends can be connected by a special rubber profile if necessary.

Technical Data

Absorption capacity	approx. 10 liters/m ²
Thickness	20 mm
Weight	16 kg/m ²
Width	1480 mm
Length	up to 50 m

The contents of this publication are the result of many years of research and experience gained in application technology. All information is given in good faith; it does not represent a guarantee with respect to characteristics and does not exempt the user from testing the suitability of products and from ascertaining that the industrial property rights of third parties are not violated. No liability whatsoever will be accepted for damage – regardless of its nature and its legal basis – arising from advice given in this publication. This does not apply in the event that we or our legal representatives or management are found guilty of having acted with intent or gross negligence. No liability is borne for damage due to ordinary negligence. This exclusion of liability applies also to the personal liability of our legal representatives and employees and other persons employed in performing our obligations.

Calenberg Ingenieure,
planmäßig elastisch lagern GmbH
Am Knübel 2-4
D-31020 Salzhemmendorf
Phone +49 (0) 51 53/94 00-0
Fax +49 (0) 51 53/94 00-49
info@calenberg-ingenieure.de
www.calenberg-ingenieure.de