

MAINTAIN ABSORPEX

Oil Binder Type III R, Chemical Binder

Description

MAINTAIN ABSORPEX is made of granules containing spherical pores, mainly consisting of calcium silicate hydrates (Tobermorite) with a high absorbency of 60 – 150 % of its own weight. MAINTAIN ABSORPEX absorbs (physically or chemically) organic and inorganic compounds like oils, used oils, greases, lubricants, alkaline solutions, paints, varnishes, solvents, hydrocarbons, saturated hydrocarbons also as aqueous and polar liquids. Avoid contact with strong acids and oxidizing agents! MAINTAIN ABSORPEX has been successfully used by fire and oil brigades, by industrial and commercial companies, in road and railway traffic, for tank cleaning, and others. MAINTAIN ABSORPEX is certified as Oil Binder Type III R – also suitable for use on road-surfaces according to the “Requirements for oil binders” of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety. This type is for special uses on solid undergrounds and on traffic areas.

Application

Please test compatibility of the liquid to be absorbed with MAINTAIN ABSORPEX first, especially for extensive use, unknown liquids or mixtures. MAINTAIN ABSORPEX should be evenly spread in a thickness of about 5 mm over the liquid to be removed and taken away after having given it time to work. The effectiveness may be accelerated and enhanced by sweeping to and fro. Because of its high flowability MAINTAIN ABSORPEX can be easily applied and is suitable for use in standard gritters.

Advantages/Benefits

- Very high absorbency
- Practically unlimited shelf life
- Wide application area
- Easy to use
- Removes quickly and completely oils, fuels and lubricants after accidents or in case of leakages
- Absorbs quickly and completely alkaline solutions, solvents, hydrocarbons, paints and varnishes, for example, after accidents or in case of leakages, especially from road surfaces.
- Certified for special uses on solid undergrounds and on traffic areas

Specifications/Approvals

- Oil Binder Type III R (German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety)
- Certificated by the Hygiene-Institut, Gelsenkirchen

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CHARACTERISTICS

True density	2.5 – 2.7 g/cm ³
Bulk density	~ 390 kg/m ³
Melting point	≥1200 °C
Grain size	0.5 – 5.6 mm

Absorbing capacity

60 to 150 % of its own weight according to density and consistency of the substance to be absorbed. For example

Water absorption	90 -120	% by weight
fuel oil (EL)	aprox. 75	% by weight
2-propanol	aprox. 65	% by weight
Absorption of urea (1% in water)	aprox. 140	% by weight
caustic soda (7,5% in water)	aprox. 150	% by weight



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We therefore recommend that you consult a FUCHS EUROPE SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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