



KOSTER ORS D

Detergent for cleaning oil-contaminated concrete

Features

KOSTER ORS-D is a deep penetrating detergent for cleaning oil-contaminated concrete which is applied as part of the KOSTER Oil Removal System (ORS).

Fields of Application

The KOSTER ORS System consists of two components:

- 1) A cleaning system using KOSTER ORS-D
- 2) A coating of KOSTER VAP I 2000 FS.

These products combine to provide a dry, uncontaminated surface which is fit to receive flooring/coating systems. KOSTER ORS-D penetrates deep into the concrete surface to extract oil and hydrocarbon-based compounds, leaving a clean surface for the VAP I 2000 FS coating. The detergent is forced into the concrete with ejecting hot water at 5000 psi. Depending on the degree of oil contamination, two or more applications of KOSTER ORS-D may be necessary. If contamination continues after several treatments of ORS-D, the substrate may not be suitable for application of VAP I 2000 FS.

Substrate

Substrates to receive the KOSTER ORS System must be sound, absorptive, and meet acceptable industry standards as defined in ACI Committee 201 Report "Guide to Durable Concrete." Any adhesives, adhesive residue, old coatings, curing compounds, or underlayments must be completely removed prior to application of the ORS system. Do not apply KOSTER ORS onto surfaces that have been treated with any type of concrete sealer without consulting KOSTER. Depending on the level of contamination, it may be necessary to mechanically remove surface buildup of oily crusts before application of KOSTER ORS D.

Application

Mixing:

If scrubbing the detergent into the substrate, mix KOSTER ORS-D with water at a ratio of 1:10. If applying KOSTER ORS-D with a foam gun, no mixing with water is needed.

Application:

Apply the properly diluted KOSTER ORS D to the concrete substrate and scrub it into the substrate, or apply using a foam gun. Clean the substrate with the mix of KOSTER ORS D and hot water (180°F), at a minimum of 5000 psi, in accordance with the detergent scrubbing method described in ICRI Guideline 310.2R-2013. Vacuum the wastewater into containment tanks. Repeat the process until all oil is removed. Dispose of the wastewater in accordance with applicable regulations.

After this process has been completed, apply KOSTER VAP I 2000 FS following the installation instructions on its Technical Data Sheet. The substrate must be damp, with no standing water on the surface. Saturated surface dry (SSD) is an acceptable condition.

Coverage

Approx. 350-400 sq ft/gallon per coat (two applications).

Cleaning

Clean tools immediately after use with water.

Packaging

CT 138 010 2.5 gallon jug

Storage

Store in a cool, dry place. In originally sealed packages, it can be stored for approx. 18 months.

Safety

Consult Safety Data Sheet. Always wear proper personal protective equipment when handling this product.

Warranties

KOSTER warrants that its product shall be in accordance with the specifications published in the current revision of the product's data sheet. KOSTER covenants that in the event any of its products fail to meet their published specifications, KOSTER shall replace those products proved to be defective. KOSTER shall not be responsible for any incidental or consequential damages due to the breach of its warranties. Notwithstanding the foregoing, KOSTER's sole liability hereunder shall not exceed the cost of the defective product originally purchased. EXCEPT AS SET FORTH ABOVE, KOSTER MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED AND MAKES NO WARRANTY AS TO THE MERCHANTABILITY OR FITNESS OF THE PRODUCT FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The user must determine if the product is suited for the intended use and the user must bear the risks and liabilities associated with it.

Related products

KOSTER Repair Mortar	Art.-Nr. W 530 025
KOSTER SB Bonding Emulsion	Art.-Nr. W 710
KOSTER Universal Cleaner	Art.-Nr. X 910 010

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The installer is responsible for the correct application taking into consideration the specific conditions of the construction site and the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which deviate from the specifications contained in any Company literature may not be relied upon in the absence of written confirmation from the Company. The installer must comply with all testing, technical requirement, guidelines, and industry customs at all times. The terms, conditions, and limitations contained in the written warranty for the product controls over the specifications contained herein. This guideline has been technically revised; all previous versions are invalid.