



KOSTER K1 Sealer

Interior Guarding Concrete Sealer. Fortifies and preserves interior horizontal concrete surfaces.

Features

KOSTER K1 Sealer enhances the aesthetic appeal of concrete and prolongs its life by resisting damage from foot traffic, liquid spills and environmental factors. Its easy-to-apply formula ensures a seamless and long-lasting protective barrier, making maintenance a breeze. KOSTER K1 Sealer goes beyond conventional solutions, providing unparalleled resistance to stains, spills, and the rigors of foot traffic. Its advanced formula ensures not only lasting protection but also a revitalized appearance that showcases the inherent beauty of concrete. Easy to apply and remarkably effective, KOSTER K1 Sealer sets a new standard in concrete care. Elevate interior spaces with confidence, knowing KOSTER K1 Sealer is the go-to choice for enhancing durability and maintaining the pristine condition of interior concrete floors.

Technical Data

Installation Temperature: 40–100 °F (4–38 °C).

Drying Time: Protect from water for 4 hours. At 72 °F (22 °C) and 40% relative humidity, product dry times are:

- To Touch: 30-60 minutes
- Light Foot Traffic: 4 hours
- Normal Traffic: overnight

KOSTER K1 Primer gains its full stain repellency properties in 7 days. VOC Content: max. 100 g/L

Fields of Application

KOSTER K1 Sealer, is versatile and well-suited for various fields of application. Its optimal performance is observed in the treatment and protection of interior concrete surfaces, including but not limited to:

1. Broomed Concrete Surfaces: Ideal for surfaces finished with a broom texture.
2. Steel Troweled Surfaces: Suitable for surfaces that have been steel-troweled.
3. Honed Concrete Surfaces: Effective on surfaces that have undergone a honing process.
4. Polished Concrete Surfaces: Specifically designed for polished concrete, offering protection and enhancing the appearance.
5. Highly Polished Concrete Surfaces: Tailored for surfaces with a high level of polish, providing both protection and a glossy finish.

Given its compatibility with a range of interior concrete finishes, KOSTER K1 Sealer proves to be a valuable solution for enhancing and maintaining the quality of diverse concrete surfaces in various settings, including commercial, residential, and industrial spaces.

Substrate

Ensure the safeguarding of individuals, vehicles, property, plants, and all surfaces not designated for KOSTER K1 Sealer application by employing polyethylene or other established protective materials,

shielding against product exposure, splashes, and wind drift. KOSTER K1 Sealer is suitable for application on pre-existing, cured concrete of any age.

Prior to application, surfaces must be both clean and structurally sound. Eliminate all foreign materials, including bond breakers, curing agents, surface grease and oil, and construction debris, utilizing the appropriate surface preparation cleaner. Subsequently, conduct a thorough water rinse. In cases where a d-limonene based cleaner/stripper is utilized, cleanse treated surfaces with KOSTER ORS-D and ensure a comprehensive rinse.

For acid-stained concrete, neutralize and rinse before initiating the application process. Application can commence once the prepared surfaces are completely dry.

Application

It is imperative to ALWAYS conduct a TEST on a small area of each surface to ascertain suitability, coverage rate, and achieve the desired results before commencing the overall application. This test should encompass any previous repairs, patches, or aesthetic cementitious finishes, as varying surface compositions may lead to absorption and/or appearance discrepancies. Ensure the test involves the same equipment, recommended surface preparation, and application procedures intended for the general application. Allow the surface to thoroughly dry before inspection.

Apply the product as packaged. Avoid any dilution, alteration, or usage other than as specified. Ensure thorough mixing before use to guarantee optimal performance.

Application Instructions:

KOSTER K1 Sealer is versatile and may be applied to various interior concrete surfaces, including broom-finished, steel troweled, honed, polished, or highly polished ones.

Follow these steps for effective application:

1. Lightly moisten a clean microfiber pad with KOSTER K1 Sealer, ensuring it remains damp.
2. Use a clean, pump-sprayer with a 0.5 gpm conical or fan spray tip to apply KOSTER K1 Sealer. Work from one control joint to another.
3. Spread the product with the damp microfiber pad, maintaining a thin, even coating and a wet edge. Stop spreading once drying initiates, avoiding overlap. For optimal results, involve two individuals – one spraying and one spreading.
4. Allow the application to dry tack-free, typically within 20-60 minutes. Repeat steps 1–4. It is recommended to apply two thin coats for maximum protection and shine.

For an added gloss, wait at least 60 minutes after the final coat and utilize a high-speed burnisher fitted with a white polishing pad. Burnish at a brisk walking pace. Note that this step is optional but contributes to

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.



Waterproofing Systems

increased shine.

Coverage

400-2000 sq. ft./gallon

Variations in surface texture, concrete quality, porosity, job-site conditions, temperature and relative humidity affect coverage and drying. The following figures are for estimating only.

Estimated Coverage Rates: 400–2,000 ft²/gal (10–20 m²/L) (depending on desired effect.)

Maximum stain resistance is achieved at overall coverage rates of 400–800 ft²/gal applied in two thin coats.

Cleaning

Before the product dries, clean tools and equipment with fresh water. Immediately wash over-spray off glass, aluminum, polished or other surfaces with fresh potable water.

Packaging

SL 296 005

5 gallon

Storage

Store the product in a cool, dry place, and consistently seal the container after dispensing. Avoid any alteration or mixing with other chemicals, as this may compromise the product's integrity. The published shelf life is based on the assumption of upright storage of factory-sealed containers in a dry environment. Ensure temperatures are maintained between 40–100°F (4–38°C), and prevent freezing. Do not double stack pallets to prevent damage. Dispose of the product in accordance with local, state, and federal regulations governing waste disposal.

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Packaging Size: 5 Gallon Jerrycan

Shelf Life: 1 years in tightly sealed, unopened container stored at or below 80°F (27°C). Before use, obtain a Product Data and Safety Data Sheet.

Safety

24-Hour Emergency Information: INFOTRAC at 800-535-5053

Limited Warranty

KOSTER warrants that its product shall be in accordance with the specifications published in the current revision of the products 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 VAP I 2000 Zero VOC

Art.-Nr. CT 230

KOSTER VAP I 06 Primer

Art.-Nr. SL 131 009

KOSTER SL Flow

Art.-Nr. SL 281 022

KOSTER LevelStrong Skim Coat

Art.-Nr. SL 282 022

KOSTER LevelStrong SLU

Art.-Nr. SL 292 022

SL - Self leveling underlayments

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