



KOSTER SL Primer

Technical Data Sheet SL 189 005

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Porous substrate primer for KOSTER cementitious underlayments

Features

KOSTER SL Primer is a solvent-free, low viscosity primer designed for use on concrete and other absorptive cementitious substrates. It reduces absorbency of surfaces and reduces out-gassing effect when installing self leveling floor products. KOSTER SL Primer is free of solvents, plasticizers, and fillers. KOSTER SL Primer is water resistant and will not be washed away after curing.

Technical Data

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| Density | Approx 1.03 g/cm ³ |
| Drying time | 3 hr at 70°F/50%RH |
| Flash Point | None. Non-Flammable; Non-Explosive |
| Color | Light green. Dries transparent green |

Fields of Application

KOSTER SL Primer is intended for use on absorptive, cementitious substrates such as cast-in-place and precast concrete and cementitious toppings. SL Primer is designed to provide a high strength bond between KOSTER SL floor leveling compounds and concrete.

Substrate

The substrate must be sound and clean, dry, free of oil, wax, grease, sealers, curing compounds, asphalt, paint, dirt, loose surface material, adhesives, and contaminants that may act as a bond breaker. Remove all contaminants by shotblasting, grinding, or brushing; dirt and dust by vacuuming. Do not acid etch concrete. Tensile bond pull-off strength of the substrate must be at least 200 psi (ASTM C1583). Substrate temperature must be at least 50°F before application.

Application

Product must be at room temperature. Mix thoroughly for 1 min without aerating. KOSTER SL Primer can be brush or roller applied. Apply a thin, even coat of primer at 400 - 800 sq ft/gal. Thick application may cause bonding problems. Allow to dry to a transparent film, usually 30 min to 1 hr at 70°F and 50% RH. High humidity or low temperature will extend drying time. Install cementitious underlayment on primer within 48 hr after primer is dry. Do not bridge over movement joints.

Cementitious underlayments, skim coat, or toppings must have sufficiently reduced shrinkage and expansion characteristics. Use of an incompatible product will adversely affect performance of the Koster products and will void all warranties and representations. KOSTER is not responsible for damage caused by excessive dimensional changes of other cementitious products.

Coverage

400 to 800 sqft/gal

Approx. 400-800 sq ft/gal dependent on substrate characteristics. Highly absorptive substrates will require lower coverage rates.

Cleaning

Clean tools and equipment with water immediately after use.

Packaging

SL 189 005 1.3 gal

Storage

Store SL Primer at 50°F to 90°F. Do not expose to sunlight. Tightly reseal container. Protect from freezing. Product can be used within 1 year when properly stored in original, unopened container.

Safety

Consult Safety Data Sheet. May cause irritation to eyes, skin, or respiratory system. Avoid contact with eyes or prolonged contact with skin. Provide adequate ventilation. Wear personal protective equipment including gloves and safety eyewear. In case of eye contact, flood eyes with clean water and seek medical attention.

Limited Warranty

KOSTER warrants that its product shall be in accordance with the specifications published in the current revision of the product 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

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| KOSTER SL Premium | Art.-Nr. SL 280 025 |
| KOSTER SL Flex | Art.-Nr. SL 284 025 |
| KOSTER SL Protect | Art.-Nr. SL 286 025 |

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.