



KOSTER SL Turbo

Highly flowable, fast-setting cementitious leveling compound

Features

KOSTER SL Turbo is a special leveling compound with particularly fast hydration and high early strength. It creates a very smooth substrate for subsequent coating or flooring.

Technical Data

Walkable (70°F)	after approx. 1 - 2 hours
Compressive strength (3 h)	approx. 1450 psi
Compressive strength (1 day)	approx. 3600 psi
Compressive strength (28 days)	approx. 5800 psi
Bending tensile strength (28 days)	approx. 1160 psi
Shrinkage	< 0.05%
Mixed mortar density	approx. 14 lb/gal
Allowable installation thickness	1/16 - 9/16 inch
Working time (70°F)	approx. 20 min.

Fields of Application

KOSTER SL Turbo is suitable for leveling porous substrates such as concrete when primed with KOSTER SL Primer, and nonporous substrates such as KOSTER VAP I 2000 coatings when primed with KOSTER VAP I 06 Primer. KOSTER SL Turbo can also be used over screed and ceramic tiled surfaces indoors, and as a void-filling scratch coat.

Substrate

Following appropriate substrate preparation, KOSTER SL Turbo is installed approx. 30 minutes after priming with KOSTER SL Primer or VAP I 06 Primer. Tensile strength of the substrate must be at least 200 psi.

Application

Pour 5.3 - 5.8 quarts (5-5.5 L) of clean water into a clean mixing vessel, then slowly add one bag of KOSTER SL Turbo while constantly mixing. Mix thoroughly with an electric mixer for at least 3 minutes to form a flowable, lump-free mortar. Immediately pour KOSTER SL Turbo onto the prepared substrate, and spread to the desired layer thickness with appropriate tool. Mix and install material continuously in order to avoid work flow disruption or cold joints. The fluid mortar is self-smoothing during "fresh in fresh" or wet-edge installation. Roll the surface with a spiked roller immediately after spreading to create a smoother surface and de-air the material. KOSTER SL Turbo will self-heal for 20 minutes. To avoid cold joints, do not interrupt work for more than 10 minutes.

Coverage

Dependent on application.

Cleaning

Clean tools immediately after use with water.

Packaging

SL 595 025 55 lb bag

Storage

In dry conditions and in originally sealed packaging the material can be stored for 6 months.

Safety

Causes skin irritation. Causes serious eye irritation. May cause serious eye damage. May cause respiratory irritation. Keep out of reach of children. Avoid breathing dust. Wear eye protection/face protection. IF IN EYES: Rinse thoroughly with water for several minutes. Remove contact lenses, if present, and continue rinsing. Seek medical attention. IF INHALED: Remove victim to fresh air, keep at rest, monitor breathing, and seek medical attention. Empty bags can be disposed normally. Dispose left over material in accordance with regulations. Contains: Silica sand CAS No.14808-60-7 (45-65%), Calcium aluminate cement CAS No. 65997-16-2 (8-20%), Portland cement CAS No. 65997-15-1 (3-10%). SILICA WARNING: Contains quartz sand (crystalline silica). Excessive exposure to respirable crystalline silica can cause silicosis and may cause other lung disease. Crystalline silica is considered a hazard by inhalation and under IARC is classified in Group 1, carcinogenic to humans. Use engineering controls and work practices such as local exhaust ventilation to avoid exposure and wear a N-95 dust mask while mixing. Consult Safety Data Sheet for further information.

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 SL Turbo Art.-Nr. SL 595

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.