



KÖSTER SL Turbo

Highly flowable, fast setting mineral leveling compound

Features

KÖSTER SEP SL Turbo is a special leveling compound with particularly fast water binding characteristics and high early strength. It creates a very smooth substrate for the subsequent coating with the KÖSTER SEP system.

Technical Data

Walkable after (+ 20 °C)	after approx. 1 - 2 hours
Compressive strength (3 h) *	approx. 10 N / mm ²
Compressive strength (1 day) *	approx. 25 N / mm ²
Compressive strength (28 days) *	approx. 40 N / mm ²
Bending tensile strength (28 days)	approx. 8 N / mm ²
Shrinkage	< 0.5 mm / m
Mixed mortar density	approx. 1.7 kg / l
Min. / max. layer thickness	2 to 15 mm
Pot life (+ 20 °C)	approx. 20 Min.

Fields of Application

KÖSTER SEP SL Turbo is suitable for leveling surfaces with a pre-treatment with KÖSTER SEP Rapid Primer in the area of headlamp adjustment areas. In addition, KÖSTER SEP SL Turbo can also be used for concrete, screed, and old tiled surfaces indoors. Also usable as pore-filling scratch coat.

Substrate

Following appropriate substrate preparation the substrate is coated approx. 30 minutes after priming with KÖSTER SEP Rapid Primer. The minimum tensile strength of the substrate for trafficable surfaces must be 1.5 N / mm².

Application

Pour 5.0 - 5.5 liters of drinking water quality water into a clean mixing vessel and slowly add 25 kg KÖSTER SEP-SL Turbo while constantly mixing. Comply with the mixing ratio. Mix thoroughly with an electric stirrer for at least 3 minutes to form a flowable, lump-free mortar. Distribute KÖSTER SEP-SL Turbo immediately after mixing onto the prepared substrate in the desired layer thickness and spread with a gauging rake or notched squeegee. Mix and process material continuously in order to avoid work flow disruption. The fluid mortar is self-smoothing during "fresh in fresh" processing. Rolling the surface with a spiked roller (spike length at least 30 mm) immediately after pouring facilitates a smoother surface through de-airing. Process KÖSTER SEP-SL Turbo within 20 minutes. To avoid set work edges, do not interrupt work for more than 10 minutes.

Consumption

Approx. 1.8 kg / m² / mm layer thickness

Cleaning

Clean tools immediately after use with water.

Packaging

SL 595 025 25 kg bag

Storage

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

Safety

Wear protective gloves and goggles when processing the material. For the MSDS scan the QR code on the label or contact technical support. Observe all local, state, and federal safety guidelines when processing the material.

Related products

KÖSTER SL Turbo	Prod. code SL 595
KÖSTER SL Flow Test Board	Prod. code SL 900 001

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 proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for 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 exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of application have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.