



KÖSTER CT 127 1C Silane Primer

Technical Data Sheet CT 127 005

Issued: 2021-08-03

- Test certificate (Nr. 12 9815-S/20) MPI Adendorf, individual test of the slip-resistant property according to DIN 51130, 02/2014 and DGVC rule 108-003; with KÖSTER CT 227 1C Silane; R 10 slip resistance
- Test certificate (Nr. 12 9868-S/20) MPI Adendorf, individual test of the slip-resistant property according to DIN 51130, 02/2014 and DGVC rule 108-003; with KÖSTER CT 227 1C Silane; R 11 slip resistance
- Test certificate (No. 12 9939-S / 20) MPI Adendorf, individual test of the slip-resistant property according to DIN 51130, 02/2014 and DGVC rule 108-003; with KÖSTER CT 227 1C Silane; R 12 slip resistance

One-component, flexible, UV and weather-stable, solvent-free, transparent primer for light to medium mechanical loads and sealing coat for broadcast KÖSTER CT 227 1C Silane

Features

KÖSTER CT 127 one component Silane Primer is a UV and weather-stable, flexible, solvent-free, transparent primer and topcoat for light to medium mechanical loads.

Technical Data

Consistency	approx. 100 mPa·s (+ 23 °C)
Density	approx. 1.0 g/cm ³
Color	transparent
Application temperature	min. + 5 °C
Pot life (+ 23 °C)	approx. 1 hour

Fields of Application

Primer for KÖSTER CT 227 1C Silane, as well as a top coat for coating systems in which KÖSTER CT 227 1C Silane is broadcast with KÖSTER Color Chips or other broadcast materials. Due to the very good UV resistance, the material can be used indoors and outdoors.

Substrate

The substrates to be sealed must be solid, free of dust, oil and grease, and other adhesion inhibiting compounds. Sanding, dusty, or soiled surfaces are to be removed by milling and / or shot blasting down to a coatable, clean substrate. The minimum bond strength of the substrate must be 1.5 N / mm² and may have a maximum residual moisture content of 4 M%. As primer, KÖSTER CT 127 1C Silane Primer is applied in a single layer rolled in two directions. Once the primer has hardened, KÖSTER CT 227 1C Silane is installed.

Application

The material is processed with a brush or a short-napped roller. As a rule, a single cross rolled layer is sufficient. The consumption as a primer is 0.4 - 0.5 kg / m². In the case of broadcasting with KÖSTER Color Chips, the chips are covered with a layer of KÖSTER 127 1C Silane Primer. The consumption is 0.1 kg / m². When using kiln-dried quartz sand as a broadcast, the consumption depends on the grain size and is between approx. 0.5 - 0.8 kg / m².

The room temperature must be at least +3 ° C above the dew point during processing and for at least four hours after processing, (see dew point table).

Consumption

400-500 g/m² as primer, 100-800 g/m² as finish coat, depending on the broadcast

Cleaning

Clean tools immediately after use with KÖSTER Universal Cleaner.

Packaging

CT 127 001	1 kg can
CT 127 005	5 kg jerrycan

Storage

Store cool but frost free between + 5 °C and + 25 °C. In originally sealed packages it can be stored for a minimum of 6 months. After opening, the container should be stored turned on its lid to prevent moisture from entering.

Safety

Wear protective gloves and goggles when processing the material. Observe all governmental, state, and local safety regulations while processing the material.

Related products

KÖSTER CT 215 Universal Floor	Prod. code CT 215
KÖSTER CT 227 1C Silane	Prod. code CT 227
KÖSTER Color-Chips	Prod. code CT 429
KÖSTER Resin Roller 250 mm	Prod. code CT 916
KÖSTER Resin Roller 150 mm	Prod. code CT 917
KÖSTER Universal Cleaner	Prod. code 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 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 technology 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.

KÖSTER BAUCHEMIE AG • Dieselstraße 1-10 • D-26607 Aurich • Tel. 04941/9709-0 • Fax -40 • info@koester.eu • www.koester.eu