



KÖSTER Top Coat 1C Matte

Matte, transparent, one-component aqueous PU Sealant for broadcast or smooth coatings

Features

KÖSTER Top Coat 1C Matte is a transparent, easy-to-clean, matt sealant for coatings, such as KÖSTER CT 215 Universal Floor and other KÖSTER CT systems with or without the use of KÖSTER Color-Chips. KÖSTER Top Coat 1C Matte is characterized by high abrasion and chemical resistance as well as UV stability. Due to its rapid curing, the sealant can be trafficked after just 24 hours.

Technical Data

Consistency (+ 23 °C)	approx. 1000 mPa·s
Pot life (+ 12 °C / + 23 °C)	20 Minuten
Density	approx. 1.0 g / cm ³
Color	Transparent
Application temperature	min. + 5 °C
Difference to dew point at application	min. + 3 °C
Tensile strength (7 days, concrete: min. C 50/60)	>> 4.0 N / mm ²
Abrasion resistance according to BCA	AR 0.5

Fields of Application

KÖSTER Top Coat 1C Matte is used for the transparent surface sealing of floor coverings such as KÖSTER CT 215 Universal Floor, or surfaces that were broadcast with KÖSTER Color-Chips. Furthermore, KÖSTER Top Coat 1C Matte is suitable for all KÖSTER CT systems except for KÖSTER ESD. KÖSTER Top Coat 1C Matte can be used indoors and outdoors. Surfaces treated with KÖSTER Top Coat 1C Matte and 2% KÖSTER Anti-Slip Granulate 20 achieve slip resistance class R11.

Substrate

Dry, free from loose components and free from oil and grease. Dust or other adhesion-reducing substances must be removed without leaving any residue. Before applying KÖSTER Top Coat 1C Matte, excess broadcast material must be removed from broadcast surfaces.

Application

After determining the dew point (a dew point table is available at www.koester.eu) the material, which should have a temperature between + 15 °C and + 25 °C, must be stirred briefly. A mechanically driven mixer (less than 400 rpm) should be used. The KÖSTER Resin Stirrer is suitable as a mixing attachment for good mixing results. The consumption is approx. 0.15 kg / m² per layer. When used over with KÖSTER Color-Chips, the application is always carried out in two layers, each with at least 150 g / m². The second layer can be installed after 4 hours at the earliest, but no later than 24 hours. Ideally, KÖSTER Top Coat 1C Matte is applied crosswise with a short-pile KÖSTER Resin Roller. Wearing spiked soles with blunt nails is recommended for flooring work.

Cleaning

Clean tools immediately after use with KÖSTER PUR Cleaner.

Packaging

CT 325 005 5 kg bucket

Storage

Store frost-free at temperatures between + 5 °C and + 25 °C. In originally sealed containers it can be stored for a minimum of 12 months. After partial use the containers must be closed again immediately and flipped "upside down" once to seal the packaging from the inside.

Safety

Work clothing that covers arms and legs or a protective suit must be worn. When working in confined spaces or in the "overhead areas" hats or hoods must be worn. Wear suitable protective gloves (e.g. nitrile gloves) and protective goggles. When installing the material observe all state, local, and governmental safety regulations.

Other

Liquid polymers react to temperature fluctuations with changes in viscosity or curing speed. The information in the Technical Data Sheet must therefore be observed. Coating work should only be carried out at falling or constant temperatures. Lower temperatures cause slower curing, high temperatures and larger amounts of material cause accelerated curing. The dew point distance of + 3 °C must be observed before, during and after the coating work. Coatings must be protected from moisture in all forms until they are completely dry. In the event of contact with tires, depending on the tire manufacturer's rubber compound and/or other conditions, possible discoloration of the coating may occur.

Related products

KÖSTER CT 215 Universal Floor	Prod. code CT 215 RAL70
RAL7035 light grey	35
KÖSTER CT 221	Prod. code CT 221
KÖSTER CT 227 1C Silane	Prod. code CT 227
KÖSTER CT 228 Flex	Prod. code CT 228
KÖSTER LF-VL	Prod. code CT 271
KÖSTER Anti-Slip Granulate 20	Prod. code CT 411 200
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
Flat Squeegee, hardness: soft	Prod. code CT 921 001

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 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.