



KÖSTER TS transparent

Technical Data Sheet CT 320

Issued: 2025-07-01

- Testing and classification of fire resistance class, MPA Braunschweig, 2300/104/15, acc. to EN 4107-B2, 15.4.2015.
- Test report from the Bremer environmental institute about VOC and SVOC according to the AgBB, category A+

Transparent surface sealant, brushable, rollable, and sprayable

	KÖSTER BAUCHEMIE AG Dieselstraße 1-10, 26607 Aurich 13 CT 320 EN 13813:2002 KÖSTER TS Transparent Synthetic resin for internal uses
Reaction to fire	B2
Release of corrosive substances	SR
Water permeability	NPD
Wear resistance	≤ AR 0.5
Bond strength	≥ B 2.0
Impact resistance	Class 1
Sound insulation	NPD
Sound absorption	NPD
Thermal resistance	NPD
Chemical resistance	NPD
Dangerous substances	NPD

broadcasted material must be removed before applying KÖSTER TS Transparent.

Application

Both A and B components must be brought to a temperature between + 15 °C and + 25 °C before application. The components are mixed thoroughly at least 2 min. with a mechanical stirring device (below 400 rpm) until a homogeneous consistency is reached.

To avoid defects due to insufficient mixing, repot the material and briefly mix it again. Special care is to be taken that material sticking to the sides of the mixing vessel is mixed in.

For excellent mixing results, the KÖSTER Resin Stirrer is suitable as a mixing attachment. To avoid mixing errors, repot and mix again. A mixing time of 3 minutes should not be exceeded. The consumption is 0.1 kg/m² per coat. The second coat can be applied after at least 4 hours, but no later than 24 hours.

The surface and room temperature must be at least + 3 °C above the dew point during and for 4 hours after application. After defining the dew point the components are mixed. The consumption is 100 g per layer. Brush, roll, or spray the material onto the surface to be coated. Consequent layers must be applied between 1 and 24 hours after the first. Spiked shoes must be worn during application while walking over the fresh material.

Features

KÖSTER TS transparent is a mechanically very resistant, easy to clean surface sealant for concrete or for KÖSTER coatings such as KÖSTER CT 215 Universal Floor with broadcast.

KÖSTER TS transparent distinguishes itself through high chemical, mechanical, and ultraviolet resistance. Due to its fast curing time the surface can be opened for traffic after 24 hours.

Technical Data

Consistency (+ 23 °C)	approx. 150 mPa.s
Mixing ratio by weight	2 : 1 (A : B)
Pot life at + 20 °C	approx. 20 min
Density	approx 1.0 g / cm ³
Color	transparent
Application temperatur	min. + 5 °C, max. + 30 °C
Dew point temp. difference	minimum + 3 °C
Tensile strength (7 d) on concrete (min. C50/60)	> 4 N / mm ²

Consumption

ca. 0.1 kg/m² - 0.2 kg/m²
Consumption may vary depending on the roughness of the surface.

Cleaning

Clean tools immediately after use with KÖSTER PUR Cleaner.

Packaging

CT 320 001	1 kg combipackage
CT 320 006	6 kg combipackage; A component 4 kg; B component 2 kg

Storage

Store the material frost free between + 5 °C and + 25 °C. In factory sealed containers it can be stored for a minimum of 12 months. After partial removal and further storage, the containers must be closed immediately (do not mix up the caps) and turned "upside down" once to seal the closures from the inside.

Safety

Contains diisocyanate. When working with the material, work clothing that covers arms and legs or a protective suit must be worn. When working in confined spaces or in the "overhead area" hoods or covers must be worn. Wear suitable protective gloves (e.g., nitrile gloves) and protective goggles.

Avoid inhaling the fumes and skin contact. Make sure the room is well ventilated. In case of skin contact, wash off the material immediately with lots of soap and water. In case of eye contact, flush eyes immediately and thoroughly with water or preferably an emergency eye

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wash bottle. Consult a physician. During processing and application of the material, do not eat, smoke, or handle open flames. The warnings and safety recommendations on the packaging and on the Material Safety Data Sheet and the regulations of all governmental, state, local, and relevant professional organisations must be observed and obeyed.

Other

Liquid polymers react to temperature fluctuations with changes in viscosity or curing. The technical data must therefore be strictly adhered to. Coating work should therefore only be carried out at falling or constant temperatures. Lower temperatures slow curing, while higher temperatures and larger amounts of material accelerate curing. A dew point of +3 °C must be maintained before, during, and after coating work. Coatings must be protected from all forms of moisture until completely dry.

Related products

KÖSTER CT 215 Universal Floor	Prod. code CT 215
KÖSTER Color-Chips	Prod. code CT 429
KÖSTER PUR Cleaner	Prod. code IN 900
KÖSTER Resin Stirrer 100 mm	Prod. code IN 988
KÖSTER Resin Stirrer 75 mm	Prod. code IN 989

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