

Basic-KOTE® Fast Track

BRUSHABLE FAST-SETTING ALIPHATIC POLYUREA SYSTEM, FOR FLOORING APPLICATIONS

Product Description

Basic-KOTE® Fast Track is a high-solid solvent-based polyurea floor coating. It is fast-drying and fast-curing, the flooring system is composed of one coat of primer & two coats of Basic-Kote Fast Track.

Fields of application

- ↪ Warehouse ramps, garages, terraces, parking areas
- ↪ Outdoor and indoor stores, Outdoor laundries, gas stations
- ↪ Industrial floors, etc.

Properties-Advantages

- ↪ Basic-KOTE® Fast Track can be applied in one layer when the surface is smooth and appropriately finished.
- ↪ It is formulated with pure aliphatic resin and contains UV filters, remaining unaffected by the sunlight and adverse weather conditions.
- ↪ It cures fast providing quick tack free time (1-2 hours), allowing small projects to be completed within one day.
- ↪ It provides high resistance to abrasion and mechanical stress.
- ↪ It shows high chemical resistance to (diluted acids-alkalis, car oils, petroleum, etc.)
- ↪ Anti-Bacterial additives can be added

Technical Characteristic

Appearance	Gloss
Density	1,30 – 1,33 kg/l
Mixing ratios (weight prop.)	3A : 2B
Consumption	400gr/m ² for two layers (depending on substrate)
Abrasion resistance	62 mg (Taber test CS 10/1000/1000)
Adhesion strength	≥ 3 N/mm ² (EN 13892-8, concrete)
Flexibility	PASS (ASTM D522, 180° bend, 1/8" mandrel)
Relative atmospheric humidity	<80%
Surface humidity content	<4%
Application temperature	+5°C - +35°C
Total hardening	24 hours

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Pot Life

Temperature	Time
+12°C	20 minutes
+25°C	15 minutes
+30°C	10 minutes

Over Coating - Walkability - Light Foot Traffic

Temperature	Time
+12°C	3 hours
+25°C	2 hours
+30°C	2 hours

Full Cure - Heavy Traffic

Temperature	Time
+12°C	36 hours
+25°C	24 hours
+30°C	24 hours

Instructions for Use / Application Notes

Surface preparation: The concrete surfaces must be rough (not smooth), structurally sound, dry and should be free from dust, dirt, greasy and oily substances. Apply [Basic-KOTE® Fast Track PR](#) undiluted, or diluted with thinner [BASIC® TH 1000](#) up to 3% in case of high temperature during the application. Afterwards apply two coats of [Basic-KOTE® Fast Track](#), 1st coat should be applied 3 hours (@25°C) after priming the surface.

Mixing: Before application, [Basic-KOTE® Fast Track](#) Part A & [Basic-KOTE® Fast Track](#) Part B should be premixed in their individual containers. Add 2 parts (by weight) of Part B to 3 parts (by weight) of Part A, using a mechanical stirrer for 1 minute at low to medium speeds (300rpm).

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Application: Basic-KOTE® Fast Track can be applied rolled or brushed without dilution, or diluted with thinner BASIC® TH 1000 up to 3% in case of high temperature during the application. Immediately after mixing, spread all the material onto the surface and apply it homogenously using a short or medium pile roller or a brush where necessary. The second layer of Basic-KOTE® Fast Track can be applied 2 hours after the first layer.

Anti-slip floor: Immediately after the application of the 1st layer of Basic-KOTE® Fast Track, broadcast the floor surface homogeneously with quartz sand, with maximum grain size 0,3 mm. The usage of quartz sand with high grain size will provides more intense anti-slip properties. After 3 hours remove the excess sand with a vacuum cleaner and re-apply Basic-KOTE® Fast Track. In this case, the consumption is 0,500 kg / m² for 2 coats.

Maintenance: Cleaning the cured system is best done by mopping the surface with mild soap and water or a mild detergent. Some cleaners may affect the colour of the installed floor. Test each cleaner used in a small area, ensuring no damage occurs.

Special Notes

- After stirring the entire mixture, let it set in the can for 1 minute and then spread immediately all the material onto the surface in order to avoid the polymerization of the product into the container.
- Due to the quick curing rate and drying time, it is suggested to thoroughly evaluate the product before using, mix as much material as you can & apply within its pot life.
- Do not over roll or back-roll during the application, rub-out may be faced because of quick drying.
- It is recommended to change the application roller every 100m² of continuous application. Use different roller for each layer.
- The surface should be dry and protected from rising moisture during application. In case of rising moisture, than the surface should be primed with **BASIC-Primer MB 199** a special Primer that will act as moisture barrier .
- The product should not be applied at temperature <5°C, when relative atmospheric humidity is > 85%, when surface humidity content is > 4%, and do not apply in case humid condition is expected to prevail during the curing period of the coated film as blisters will be created on the surface of the coating leading to aesthetic issues.

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- Allow at least 4 weeks to pass between casting new concrete structures and applying the product.
- Over-coating a freshly coated surface must take place within 24 hours, otherwise it is suggested to scrub lightly the freshly coated layer to avoid possible adhesion problems.
- In case of putty is needed to repair holes & Cracks, use **BASIC-Putty LV®**, add 2-2,5 Kg of powder quartz sand (e.g. Quartz Sand M300) to 1kg of BASIC-Putty LV®, due to the short pot-life of the mixture (5 minutes at 25°C) it is strictly recommended to mix it in a small quantities.

BASIC-Putty LV® is a 2-component, fast curing polyurea system with increased mechanical and chemical resistance used for local putting after priming the surface.

Packing

Set of 5kg in tin cans (components A&B have fixed weight proportion).

Storage Stability

The product is stable for 2 years (5-40°C) when kept unopened in its original container, protected from frost and direct sunlight.

Auxiliary Materials

Solvent **BASIC TH® 2000**: Special thinner suitable for thinning epoxy paint Containers of 1 L, 5 L, 20 L

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Table of Chemical Resistance

Type of liquid	Permanently at 20+°C	Occasionally at 20+°C
Distilled water	+++	+++
Salt water	+++	+++
Ethanol %15	++	+++
Ethanol %95	+	+
White Spirit	+++	+++
Toluene	+	+
Xylene	++	+++
MIBK	+	+
Butyl Acetate	+	+
Gasoline	++	+++
Ammonia %10	+++	+++
NaOH %10	+++	+++
Hydrochloric Acid %10	++	+++
Hydrochloric Acid %37	+	++
Sulphuric Acid %10	+	++
Nitric Acid %10	+	++
Acetic Acid %10	+	++
Phosphoric Acid %10	+	++
Lactic Acid %10	+	++
Citric acid %10	+	++
Skydrol	+	++
Engine oil	++	+++
+++ Excellent resistance, ++ Good resistance/some effect, swelling or discoloration, + Poor resistance		