



DESCRIPTION

It is an epoxy-based, two-component, solvent-free, top coat floor coating material. It is used as a top coat coating material on concrete and cement mortar surfaces, indoors and outdoors, in continuously wet areas, in areas where chemicals are used, in food factories, laboratories, parquet, tile, ceramic, granite, mosaic, glass mosaic, porcelain, etc., which are exposed to normal-medium-heavy loads such as factory and warehouse floors, assembly areas, loading areas, concrete surfaces, maintenance workshops, industrial floors, garages and loading ramps. It is suitable for use on walls, ceilings and floors. It is resistant to chemicals and bacteria. It has high mechanical resistance. It is easy to apply and does not require solvents. It is liquid impermeable. It has a glossy surface finish. It is hygienic and easy to clean. It does not contain solvents and is environmentally friendly. It has good penetration and high adhesion properties. (Repeated content intentionally preserved without deletion)

PRODUCT FEATURES	AREAS OF USE
- Epoxy based structure - Excellent adhesion resistance - Solvent-free - No solvent required - Liquid impermeability - Glossy surface finish - Excellent penetration - Hygienic structure - Even at low air temperatures maintaining its existing viscosity - High mechanical resistance - Resistance to chemicals and bacteria - Easy and fast application - Reducing labor and time costs - Environmentally friendly	It is suitable for use on the following properly prepared surfaces: It is suitable for use on walls, ceilings and floors. It is resistant to chemicals and bacteria. It has high mechanical resistance. It is easy to apply and does not require solvents. It is liquid impermeable. It has a glossy surface finish. It is hygienic and easy to clean. It does not contain solvents and is environmentally friendly. It has good penetration and high adhesion properties ready to use! follow the application instructions during product application! consult us for all other application surfaces. kullanima hazirdir! ürün uygulama sirasinda uygulama talimatlarina uyunuz! diğer tüm uygulama yüzeyleri için bize danışınız.

IMPORTANT NOTICE

Related Standard	EN 1504-2
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Product Class	Article 1.3, 5.1
Document Number	007446-TSE-15/01
Product System	Solvent-free

PACKAGING DETAILS

- **24.00 kg set**
- **Component A:** 21.46 kg/L Tin bucket
- **Component B:** 2.54 kg/L Tin bucket)

CLEANING INSTRUCTIONS

- Small spills should be cleaned immediately with water before hardening.
- Tools should be cleaned with water.
- Serious spills should be absorbed with inert material and disposed according to regulations.

TECHNICAL INFORMATION

Property	Value
Average Mixing Ratio	A:B = 89,42 : 10,58
Pot Life	30 ± 5 min (°C)
Application Time	40 ± 5 min (°C)
Full Cure	7 days
Humidity Tolerance	< %4 (By weight)
Thermal Resistance	+50°C (Continuous, Max. 7 days)
Color	RAL Colors
Mixture Density	1.54 ± 0.02 kg/L
Abrasion Resistance	70 mg (CS10 / 1000 rev)
Shore D Hardness	80

Flexural Strength	20.00 N/mm ²
Compressive Strength	50.00 N/mm ²
Adhesion Strength to Concrete	4.00 N/mm ²
Water Vapor Transmission	Class I
Reaction to Fire	Class E

- Results obtained at +23°C and 50±5% relative humidity for 28 days.

SURFACE PREPARATION

Before application, the surface is checked and if there are parts to be repaired, these surfaces should be repaired with Kar Repair series repair mortars. Water insulation should be completed 7 days after the process. The surface must be dry. Water accumulation and puddles should be removed. Sharp edges and corners should be rounded. A cement-based chamfer of at least 5 cm diameter should be applied. Concrete compressive strength must be min. 25 N/mm² and tensile strength min. 1.5 N/mm². Moisture content must be less than 4%. A suitable joint plan should be prepared and transferred to the coating. Defects larger than 5 mm and tie rod holes should be repaired with suitable mortars. Application should not be done on surfaces with negative side water, vapor or salt efflorescence. Surfaces should be mechanically roughened (blastrac or milling) and dust removed by vacuum. Using a suitable epoxy primer from Kar Floor series before application is recommended. öncesinde Kar Floor serisi uygun epoksi astar kullanılması tavsiye edilir. Ambient humidity limits: Max 50% at +10°C Max 80% at +30°C Surface temperature: +10°C to +30°C Surface temperature must be at least 3°C above dew point. In cold weather, ambient and surface temperature should be increased with heaters. Products should be stored at +20°C one night before application. Avoid applications above +35°C

PRODUCT APPLICATION

Proper work clothes, glasses and masks should be used according to occupational safety rules. uygun iş elbiseleri giyilmeli, uygun gözlük ve maske kullanılmalıdır. Components A and B should be mixed with a low-speed mixer for at least 3–4 minutes until homogeneous. The prepared product should be spread with a squeegee and rolled with a short-pile roller. Ensure a continuous, non-porous layer. If necessary, two primer coats may be applied. Crystallization may occur below 8°C during long storage. If crystals dissolve at room temperature, the product can be reused without performance loss.

APPLICATION NOTES

Mix only in specified ratios
Application temperature: +10°C to +30°C
Do not apply on frozen or freezing surfaces
Do not apply under direct sunlight, strong wind or hot surfaces

Prevent air flow during application
Measure floor humidity (<4%)
Apply between 12–48 hours after primer
Not UV resistant
Never dilute the product
Protect surfaces after application
Clean tools immediately with solvents

PRODUCT LIMITATIONS

No acid resistance .Not for intense heat exposure .Do not add water .Do not apply in rain .Concrete moisture <5% .Smoking is prohibited during application .Ventilation required .Product is not subject to ADR

TEMPERATURE LIMITS

- Service Temperature (-30°C) – (+80°C)
- Application Temperature (+5°C) – (+35°C)

CONSUMPTION – SHELF LIFE – STORAGE

- Single Coat 0.25 – 0.35 kg/m²
- 18 months unopened, stored dry between +5°C and +30°C.
- Close package tightly when not in use.

SAFETY & PRECAUTIONS

Avoid skin contact and inhalation. Use ventilation and CE-approved respirator if required. Avoid contact with eyes and clothing.

FIRST AID

- **Skin:** Wash with lukewarm soapy water
- **Eyes:** Rinse 15 minutes, seek medical attention
- **Breathing:** Fresh air, seek help if persistent
- **Swallowing:** Do not induce vomiting, seek medical attention

WARRANTY & DISCLAIMER

The data is based on scientific and practical knowledge.
Company is responsible only for product quality.
No liability for incorrect use or damages.
This document supersedes previous editions.

