

## PAVERCOAT 43 2K

### Outdoor/Indoor Acrylic Hybrid Epoxy Floor Coating

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#### Product Description

PAVERCOAT 43 2K is a high-quality and innovative epoxy-modified acrylic floor coating system designed to transform asphalt and concrete surfaces into eye-catching and functional masterpieces.

#### Benefits

- High resistance in wet environments
- Excellent adhesion performance
- Adaptable to asphalt and concrete floors, does not crack
- Protects asphalt from harmful UV oxidation caused by atmospheric and climate conditions, extending the lifespan of asphalt
- Low VOC (Volatile Organic Compound) values that meet EPA criteria
- No unpleasant odors during or after application
- Fully recyclable with asphalt surfaces
- Suitable for pedestrian and vehicular traffic with high abrasion resistance

#### Applications

- Asphalt vehicle parking lots
- Pedestrian crossings
- Curbs
- Pedestrian walkways, paths
- Bike lanes
- Plazas
- Entrance, directional signs
- Asphalt protection

#### Product Characteristics

Density	1,60 g/cm <sup>3</sup>
Solid Content	70% by Weight(ASTM D1644)
VOC(Calculated)	<25 g/L
Mandrel Bend Test	1/8 inch @23 °C (ASTM D522)
Pull off Adhesion	3,2 Mpa
Application Temp.	10 °C-40 °C
Drying Time	25 °C 55%Bağıl Nem de 1-4 saat
Abrasion	Wet 62, dry 86
Freezing Point	0 °C
Shelf life	12 Months

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**Application**

PAVERCOAT 43 2K is a ready-mixed two-component product with color already added. Mix components A and B with a low-speed mixer for 3 minutes and let rest for 1-2 minutes. To adjust the application viscosity, 1 liter of water can be added. In colder weather, this amount is around half a liter. The applicator can determine the most easily applicable viscosity of the product at these ratios.

**Surface Preparation**

Dust, oil, and other contaminants on the surface can prevent proper adhesion of the material and weaken it. Therefore, before application, the surface should be cleaned of all chemical and physical residues and must be dry. For asphalt surfaces, ACRYLIC PRIMER 367-28 should be used as a primer, and for concrete surfaces, UNEPOX PRIMER WB Epoxy Concrete Primer or AQ PRIMER 2K Moisture Barrier must be utilized.

**Recommended Application Method**

PAVERCOAT 43 2K should be applied in thin layers using a brush, roller, textured roller, or squeegee. It is recommended to apply 3 coats on typical pedestrian walkways. Surfaces exposed to vehicle traffic such as bike lanes should have 4 coats or more. Providing detailed information about vehicular and pedestrian traffic will allow BOYTEM to provide a more accurate recommendation.

Depending on the season and weather conditions, it may take 6 to 24 hours for the applied surface to be open to normal pedestrian and vehicle traffic.

**Consumption Table**

Layers	Approx. Area		Approx. Thickness			
	m <sup>2</sup> /25 kg		Wet(mm)		Dry(mm)	
3	26		0,8		0,44	
4	19		1,1		0,62	
5	16		1,3		0,76	

**Packaging**

Component A is packaged in 24 kg units, and Component B is in 1 kg units.

**Safety Precautions**

During application, it is imperative to wear appropriate work attire, including protective gear such as goggles, masks, and gloves to ensure job and worker safety. Particularly because hardening agents can be irritating, all precautions should be taken to prevent eye and skin contact. In case of contact, rinse thoroughly with plenty of water and soap; do not clean with solvents. If ingested, seek immediate medical attention. Application must be carried out in well-ventilated areas, and the applying company should take all necessary measures. Any contact between food and beverage materials and the product must be strictly avoided. Workers with chemical allergies should not be employed. Refer to the Product Safety Data Sheet for detailed information.

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**Important Note**

- Consumption rates may vary based on the surface texture, ambient temperature, and application technique.
- The values provided are laboratory-tested under recommended mixing ratios on a test asphalt and represent findings.
- Preferably, applications should be finished in the morning or afternoon.
- Breaks should be taken during midday in extreme hot weather.
- Experienced personnel should handle the application.
- The product's coating application should be continuous across the entire surface area.
- Do not excessively dilute the product with water; otherwise, pigment floating and color separation issues may arise.
- Ensure the surface is completely dry before the next application. Failure to do so may lead to drying problems, color blush, or eventual detachment of the coating from the surface.
- If the next coating application is delayed to the following day or later, make sure to wash the surface thoroughly with water prior to starting the application to remove any potential dust and dirt.
- After application, cleaning tools should be washed with tap water before they dry. Uncleaned tools can be cleaned with paint removers like Methylene Chloride or similar, or mechanically.

**Storage Conditions**

Store the product in unopened, original packaging in closed and dry storage areas within a temperature range of 15°C to 35°C. The shelf life warranty is 12 months from the production date when stored in a cool and dry place. Do not expose the products to direct sunlight outdoors. Protect from freezing in cold weather.

**Safety and Related Data**

PAVERCOAT 43 2K is non-hazardous and does not contain formaldehyde, asbestos, mercury, lead, chromium, or derivatives. The product contains fire-retardant additives. For detailed information on safe transportation, occupational health, and safety, please refer to the relevant Safety Data Sheet (SDS) for the product.

**NOTE**

The explanations made on this technical page are based on test evaluations and results of the product according to relevant standards and are intended to provide guidance to applicators. Since labor, weather conditions, construction, equipment used, and other variables affecting the results are entirely beyond our control, UNICA does not provide any explicit or implied warranties regarding this material. UNICA only guarantees that the material complies with the product specifications, and its sole responsibility to the buyer or user of this product is limited to the replacement value of the product in case of manufacturing defects. In no event shall UNICA be liable for any direct or incidental, special, or consequential injury, loss, or damage arising directly or indirectly from the material or work performed. UNICA is not responsible for any defects, alterations, or changes in the substrate on which the products are applied.