

OKALIN 2K- TM/56 EP

solvent-based 2-component road marking coat with increased durability and adhesion

PRODUCT DESCRIPTION

OKALIN 2K-TM/56 EP is a solvent-based 2-component road marking coat with excellent durability, extreme abrasion resistance and extraordinary processing quality. It is highly suitable for priming markings on concrete and asphalt for subsequent 2-component cold plastic flat, agglomerate or profile markings. Due to the additional chemical linkage an improved chemical resistance compared to 1-component paint is achieved.

Shades: white, yellow, blue, orange (shades acc. To ON-standard 22441)
grey, black, green, red

Packaging sizes: 5 kg, 25 kg, component A
0.5 kg, 2,5 kg hardener

APPLIANCES

For floor markings on asphalt and concrete surfaces in marking substance categories A and B acc. To ONR 22440.

Marking substance categories:A (acc. to Ö-Norm B 2440)	400 µm wet film thickness (250 µm dry coat thickness) B 600 µm wet film thickness (400 µm dry coat thickness)
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TECHNICAL DATA

in mixed state

Binding agent base:	epoxy-modified pure acrylate resin
Solid body content:	> 75 weight % acc. to ON-standard ONR 22441
Solvent content:	< 25 weight % , free from aromatics ON-standard ONR 22441
Binding agent content:	14 +/- 3 weight %
Bulking agent and pigment content:	61 +/- 3 weight %
Flashpoint:	below 21° C
Density:	1.60 +/- 0.1 g/cm ³ , depending on the shade
Delivery viscosity:	3000 cp +/- 20% Brookfield /spindle 4/ 20 rpm (4.00 Pa.s +/- 20%) or 26 sec +/- 20% (6mm cup) DIN 53211
Storage (unmixed):	Min. 1 year if stored cool and dry in the well-sealed original containers.
Pot life:	max. 2 days, depending on the temperature
Mixture ratio:	10 parts OKALIN 2K- TM/56 EP Komp. A 1 part OKALIN 2K- TM/56 EP Härter 105.K200.001

PROCESSING

Processing tools:	all marking machines and devices licensed for application acc. to Ö-Norm B 2440
Thinner:	OKALIN Spezialverdünnung VL/4
Addition of thinners:	max. 5 % OKALIN Spezialverdünnung VL/4 depending on the temperature
Coverage:	at 400 µm wet film thickness: 0.66 kg/m ² T 600 µm wet film thickness: 0.99 kg/m ²
<u>Period of time until accessible:</u>	approx. 15 mins at 20 ° C ground temperature and 70% humidity
<u>Limit for application:</u>	
Ground temperature:	between +5°C and + 50 °C
Air temperature:	between +5°C and + 40 °C
Rel. humidity:	max. 85%
Cover humidity:	max. 3 %, measured with Hygrotest 6500 (by company Testoterm)
Surface:	The road surface has to be dry, bearing and free from dust, oil and fat. Loose remainders of old markings have to be removed completely.

BEDDING MATERIAL

Marking substance category A:	400 g/m ² reflective glass beads SWARCOFLEX 100- 600 T14 G20
Marking substance category B:	
System 1:	400 g/m ² reflective glass beads SWARCOFLEX 100- 600 T14 G20
System 2:	400 g/m ² reflective glass beads SWARCOFLEX 200- 800 T14 M20

NOTE:

The durability of the primary marking on new concrete surfaces is restricted due to slurries on the road surface and the regularly applied evaporation protection. Therefore, the top layer has to be thoroughly removed using appropriate measures or a provisional test marking in marking substance category A without warranty has to be applied.

On rough or new asphalt surfaces or micro coats a provisional test marking in marking substance category A without warranty is required.

HAZARD DESIGNATION

Hazard class acc. to Vbf:	A I
Hazard class acc. to ADR/RID:	UN 1263, 3, III
Special waste identification number:	080111 acc. to EAK

NOTE

The information on this data sheet complies with our current state of knowledge and is intended to inform about our product and its applicability. This technical information however does not relieve the purchaser/user of his responsibility to test our products for their suitability under the applicable circumstances for the intended end use. No liability can be derived from it.
This data sheet replaces all previous versions.

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