

PRODUCT INFORMATION

ESKANOL VE TOPCOAT

PRODUCT DESCRIPTION

ESKANOL VE TOPCOAT is a two-component polymer coating based on an Bisphenol-A vinyl ester resin with mineral fillers.

COATING LAYERS CONSUMPTION

The coating system consists of the two-component **ESKANOL VE TOPCOAT**. The total applied DFT is approx. 500 -700 µm.

FIELDS OF APPLICATION

ESKANOL VE TOPCOAT is applied to achieve a tack-free, and chemically resistant surface either in smooth or anti-skid form.

FEATURES

- Excellent chemical resistance to inorganic acids, lye and organic solvents
- Outstanding adhesion onto polymer coatings based on Bisphenol-A vinyl ester resins
- Easily cleaned
- Application by rolling or trowelling

CHEMICAL RESISTANCE

Information on the chemical resistance properties is available upon request.

SUBSTRATE

Substrates are coatings based on Bisphenol-A vinyl ester resins. Components to be coated shall be constructed and manufactured in accordance with EN 14879-1.

SURFACE PRE-TREATMENT

The subsequent layer of coating can be applied onto the previously applied layer straightforward without surface preparation. But the time interval between the consecutive coatings should not exceed a maximum of 72 hours. If this condition is not met, the surface of the previous layer needs to be roughened by abrasive blasting.

ENVIRONMENTAL CONDITIONS

Throughout the coating process, the temperatures of the substrate and coating materials shall be maintained within the range specified by SKO. All surfaces shall be maintained at a temperature at least 3K above the dew point in order to prevent condensation.

APPLICATION

During the application of the product, the application instruction must always be observed.

ESKANOL VE TOPCOAT is applied using a roller or trowel.

Note: During application, the lined surface should be shaded from direct or indirect sunlight whenever possible.

MIXING RATIO

Coating	Parts by Weight	Parts by Volume
ESKANOL VE TOPCOAT	100	3.00
ESKANOL M50 HARDENER	2	0.06

CONSUMPTION

Product	Thickness [µm]	Coverage [g/m ²]
ESKANOL VE TOPCOAT	ca. 500 - 700	ca. 800 - 1000

POT LIFE / WORKING TIME [min]

Product	15°C	20°C	30°C
ESKANOL VE TOPCOAT	ca. 40	ca. 30	ca. 20

CLEANING

Clean all equipment with **ESKANOL CLEANER** immediately after use.

SAFETY MEASURES

The material safety data sheets of the individual components, the safety instructions on the packing (label) as well as the legal requirements for handling hazardous materials must be observed.

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PACKING UNITS

The products are supplied in the following standard package sizes:

Product	Size	Article No.
ESKANOL VE TOPCOAT	25 kg	10075
ESKANOL M50 HARDENER	1 kg	10098
ESKANOL M50 HARDENER	5 kg	10097
ESKANOL M50 HARDENER	10 kg	10096
ESKANOL M50 HARDENER	25 kg	10095
ESKANOL CLEANER	14 kg	10002
ESKANOL CLEANER	155 kg	10000

STORAGE

The products must be stored in a cool and dry place, away from direct sunlight. At the specified storage temperatures a shelf life of the products is given of at least for the following periods:

Product	Temperature	Shelf Life
ESKANOL CLEANER	5 - 25°C	60 Months
ESKANOL M50 HARDENER	≤ +20°C	6 Months
ESKANOL VE TOPCOAT	≤ +20°C	6 Months

If the storage time is exceeded, the materials must be tested before use. Higher storage and transport temperatures will reduce the shelf life. The containers must be kept tightly closed. Liquid products must be stored frost-proof. In addition, the DIN 7716 must be observed.

Technical Data	Standard	Unit	Value
Density (Mixture)	EN ISO 2811 (ASTM D1475)	g/cm ³	1.1 ± 0.03
Hardness Shore D	DIN ISO 7619 (ASTM D2240)	-	≥ 70
Min. Adhesion Strength Steel	EN ISO 4624 (ASTM D4541)	N/mm ²	> 5
Linear Coefficient of Thermal Expansion	ISO 11359-2 (ASTM C531)	1/K	25-30 x 10 ⁻⁶
Max. Operating Temperature Liquids	-	°C	+60
Max. Operating Temperature Dry (Flue Gas)	-	°C	+100

Note: The indicated temperatures are dependent on the present load and may vary

Information given in the fact sheet above corresponds to the current knowledge available to us regarding our products at the time of its drafting and is intended as a guideline for informational purposes. However, because of the multiple possibilities regarding possible applications, processing and on site conditions, any information given in the fact sheet above is not legally binding, in particular, without being limited to, such information shall not be interpreted as a warranty of merchantability or of fitness for a particular purpose. Customer therefore is advised to conduct its own testing or make an inquiry with our technical department before ordering. We reserve the right to change the product at any time, in particular, without being limited to, minor changes because of advancements in technology. If by way of exception, the information given in the fact sheet above is incorporated by reference into any contract concluded with us under German Law, such information, shall only be interpreted as determining the specific requirements of the contractual products as set out in § 434 BGB (German Civil Code) and shall not be interpreted as constituting a guarantee of condition.

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Replaces all previous editions	PRODUCT INFORMATION	Page: 2/2