

GENERAL
DESCRIPTION:

CREATOP 500 2K is a two component, polyurethane based topcoat material. Easy to apply. It forms a highly elastic film by adhering strongly to all kinds of surfaces.

CREATOP 500 2K contains pure elastomeric hydrophobic polyurethane resin that is UV resistant, chemical resistant, mechanical resistant and thermally imparts excellent resistive strength to the material.

Application Areas

- As a finishing material on waterproofing products
- It can be applied as a finishing material in floor applications.

General Properties

- High performance topcoat product with effective traffic resistance,
- Covering ability is very high in colored products,
- It has very good adhesion to all types of surfaces,
- It has excellent mechanical properties,
- High heat and UV resistance,
- Does not contain toxic substances after curing,
- It has high tensile and abrasion resistance,
- Its thermal resistance is excellent, the product never softens,
- Resistant to cold: The film maintains its elasticity down to -40°C.
- Even if the CREATOP 500 2K is damaged in any way, the damaged part can be easily repaired in a short time.
- Although it does not require thinning, CREASOL 100 can be used depending on the conditions

COMPONENTS:

Component	Product Name	Descriptions
A	CREATOP 500 2K A	Polyol
B	CREATOP 500 2K B	Polyurethane prepolymer

**PHYSICAL AND
CHEMICAL
PROPERTIES OF
COMPONENTS:**

Parameter	Unit	A Component CREATOP 500 2K A	B Component CREATOP 500 2K B	Test method
Density (25°C)	g/cm ³	1,35±0,05	1,00±0,05	DIN 51757
Viscosity (25°C)	mPa.s	350-450	200-250	ASTM D 4878
Solid content	%	40	80	Internal Method
Appearance	-	Transparent and ral colors	Transparent	Internal Method

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What is presented in this document is accurate information based on our research, experience and knowledge to date. In case of changes in terms of use and application methods, no information given in this document is considered a guarantee and preliminary trials are recommended. For more detailed information and support, our technical team and laboratories will serve..

**COMPONENT
RATIOS:**

<i>Component</i>	<i>Product Name</i>	<i>Unit</i>	<i>Value</i>
A	CREATOP 500 2K A	by weight	75
B	CREATOP 500 2K B	by weight	25

**REACTION
CHARACTERISTICS:**

<i>Control Characteristic</i>	<i>Unit</i>	<i>Value</i>	<i>Test method</i>
Pot Life of Mixture (+10°C)	minute	40-50	Internal Method
Pot Life of Mixture (+25°C)	minute	30-35	Internal Method
Drying Time	hour	4-6	Internal Method
Recoat Time	hour	24	Internal Method

**PHYSICAL AND
MECHANICAL
PROPERTIES OF
PRODUCTS:**

<i>Parameter</i>	<i>Unit</i>	<i>Value</i>	<i>Test method</i>
Adhesion Strength (Concrete surface)	MPa	> 2	ASTM D 4541
Tensile strength at break	MPa	> 10	ASTM D 638
Elongation at break	%	≥ 50	ASTM D 638
Water Vapor Permeability	gr/m ² hour	0,8	ASTM E 96
Hardness	Shore A	45-55	ASTM D 2240

**PROCESS
CONDITIONS:**
Application

It is applied in one or two coats with a brush, roller or airless spraying machine, with a minimum consumption of 0.2 kg/m² per coat.

Consumption

For each coat: 150- 250 g/m²

**HANDLING
AND STORAGE
CONDITIONS:**
STORAGE

It should be stored in original unopened containers in a dry and cool place at temperatures between 5-25 °C. Legal requirements for storage must be observed.

SHELF LIFE

When stored in accordance with storage conditions, the shelf life is as follows.

CREATOP 500 2K A : 12 months
CREATOP 500 2K B : 12 months

PACKING

CREATOP 500 2K is available in the following packaging units:

<i>Packaging Type</i>	<i>CREATOP 500 2K A</i>	<i>CREATOP 500 2K B</i>
Metal Box	15 kg	5 kg
Metal Box	3 kg	1 kg
Metal Box	0,75 kg	0,25 kg

NOTICE
REGARDING
SAFETY AND
USAGE:

During the application, flammable, combustible and flammable products should be kept away. No smoking. Care should be taken to ensure that the application area is constantly ventilated. Protective equipment such as goggles and gloves should be used during the application. In case of eye contact, rinse thoroughly with plenty of water. For detailed information, please request the Material Safety Data Sheet. It should be kept out of reach of children. The product should be consumed by professional users, taking into account the data in the technical information section.

Material Safety Data Sheet (MSDS) will be provided to you by **FLOKSER KİMYA** sales representative during the product supply. It is advisable to review this form before handling and use and also to check your own handling, safety and process conditions. It is necessary to dispose of the finished product drums according to MSDS. FLOKSER CHEMISTRY commits protecting human health and the environment during the production conditions and customer conditions. So **FLOKSER KİMYA** is always ready to help its customers in this regard. Please contact to your **FLOKSER KİMYA** representative when you need help.

CONTACT
INFORMATION:

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