12530 KANEPOX-530

A Component: 12530 B Component: 0385

PRODUCT DESCRIPTION

12530 KANEPOX-530 is an epoxy resin based, two-component topcoat that has high surface tolerance. This solvent based topcoat contains anticorrosive pigments. Wet on wet application in short time, high anticorrosive structure, high volumetric solid content and smooth surface appearance are its characteristic properties.

RECOMMENDED USE

- Agricultural equipments.
- Land transport units.
- Machinery industry.
- .Advertising sector. (It is used on steel, aluminum and galvanized surfaces)

PRODUCT CHARACTERISTIC

Finish	: Matt
Colour	: Light gray, gray, oxide red, oxide yellow
Thinner	: Kanepox Thinner 0620/0625
Delivery Viscosity (sec)	: 90-100 (KU/25°C)
Delivery Density (g/ml)	: 1,62±0,10 (depends on colour)
Delivery Solid (%w/w)	: 80±3 (depends on colour)
Mixing Ratio* (by weight)	: 12530 6 parts : 0385 1 part
Mixed Product	
Density (g/ml)	: 1,48±0,10 (depends on colour)
Volume Solids (%w/w)	: 56±2 (depends on colour)
Theoritical Spreading Rate (m^2/kg)	: ~6 (60 microns DFT)
Application Viscosity (sec)	: ~22 (DINCup4/20°C)
Application Film Thickness (µ)	: 50–60 (DFT)
Application System	: Air spray, Airless spray
Pot Life (20°C)	: 8 hours

DRYING SCHEDULE (60 microns DFT)

	Dust Dry	Touch Dry	Forced Dry
20°C	1 hours	4 hours	-
60°C	Flash-off: 15 minutes/20°C		60 minutes
80°C			30 minutes

Fully Cured: 7 days (20°C)

PACKAGING

One pail of **12530 KANEPOX-530** is 21 kgs.
One galoon of **KANEPOX HARDENER 0385** is 3,5 kgs.

SHELF LIFE

Part A and part B have 1 year shelf life if the materials are stored indoors at +5°C to +35°C and unopened original containers.

HEALTH/SAFETY PRECAUTIONS

Refer to the MSDS sheet prepared according to EU directives before use.

This product is for professional use only.
Training during the run trial start-up and periodical technical services are provided by KANAT.
Contact KANAT Technical Service Department for additional technical data and support.
The information and recommendations given in this TDS are based our practical experiences and test conducted by KANAT laboratories under normal conditions. KANAT decline any responsibility, if the final results is affected by unsuitable application conditions.
Published technical data and instructions are subject to change without notice.
* The data is based on defined mixing ratio.

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APPLICATION PROCEDURE

All surfaces must be clean and dry.
Sand blasting or phosphating processes improve the paint performance.

12530 KANEPOX-530 is a two-component paint system. For the application component A (6 parts by weight) and component B (1 part by weight) must be stirred by a mechanical mixer. Adjust the application viscosity by adding about 10 % adequate thinner.

The mixture of paint should be prepared in the required amount and must be used within the pot life.

50-60 microns dry film thickness **12530 KANEPOX-530** paint film performance test results are as follows.

TEST	STANDARD	TEST DURATION	RESULT
Corrosion Test	ASTM B 117	600 hours	SUITABLE
QCT	ASTM D 4585	500 hours	SUITABLE

APPLICATION EQUIPMENT

Application Equipment	Airless Spray	Conventional Spray
Thinner maximum (%by weight)	%5	%10
Pressure minimum (bar)	80-120	3-4
Nozzle (inch)/Diameter(mm)	0,015-0,017	1,6-1,8_

PRECAUTIONS

For the best results, product must be used with defined hardener and thinner.

Medium temperature should be between +5°C to +35°C.

The paint must be prepared minimum at +15°C.

In confined spaces, adequate ventilation should be provided during the applications.

Operator must be weared personal protective equipments.

It should be obeyed to related national statutory regulations on transportation, health, safety storage and waste disposal.

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