

37610 KANACRYL TOPCOAT-610

A Component: 37610 B Component: 0145

PRODUCT DESCRIPTION

It is a two-component acrylic resin based topcoat curing with aliphatic isocyanates. Yellowing resistance, gloss retention and fast drying are its characteristic properties.

RECOMMENDED USE

- Agricultural equipments.
- Land transport units.
- Machinery industry.
- Heavy duty vehicles.
- Billboards.

PRODUCT CHARACTERISTIC

	OPAQUE COLOURS	METALLIC COLOURS
Finish	: Glossy	Glossy
Color	: All colors	All colors
Thinner	: KANACRYL THINNER 0655 / 0656	KANACRYL THINNER 0655 / 0656
Delivery Viscosity (sec)	: 95±5 (DIN Cup4/20°C)	45±5 (DIN Cup4/20°C)
Delivery Density (g/ml)	: 1,20±0,20 (depends on colour)	1,00±0,05 (depends on colour)
Delivery Solid (%w/w)	: 55-68 (depends on colour)	45-49 (depends on colour)
Mixing Ratio (by volume)	: 37610 4 parts : 0145 1 part	37610 4 parts 0145 1 part
Mixed Product*		
Density	: 1,15±0,10 (depends on colour)	1,00±0,05 (depends on colour)
Solid (%w/w)	: 50-64 (depends on colour)	43-47 (depends on colour)
Theoretical Spreading Rate (m ² /kg)	: ~6 (60 microns DFT)	~9 (40 microns DFT)
Application Viscosity (sec)	: ~19 (DIN Cup4/20°C)	~19 (DIN Cup4/20°C)
Application Film Thickness (µ)	: 50-60 (DFT)	30-40 (DFT)
Application System	: Air spray	Air spray
Pot Life (20°C)	: 6 hours	6 hours

DRYING SCHEDULE (60 microns DFT)

	Dust Dry	Touch Dry	Forced Dry
20°C	30 minutes	4 hours	—
60°C	Flash-off: 15 minutes		60 minutes
80°C			30 minutes
Fully Cured: 7 days (20°C)			

PACKAGING

One pail of **37610 KANACRYL TOPCOAT-610** opaque colour is 20 kgs, metallic colour is 18 kgs.
One galoon of **KANACRYL HARDENER 0145** is 5 kgs.

SHELF LIFE

Part A and part B have 1 year shelf life if the materials are stored indoors at +5 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 conditons.

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.

37610 KANACRYL TOPCOAT-610 must be applied on a suitable primer.

37610 KANACRYL TOPCOAT-610 is two-component paint. For the application, component A (4 parts by volume) and component B (1 part by volume) 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 **37610 KANACRYL TOPCOAT- 610** applied on the cured **12570 KANEPOX PRIMER-570** with 50-60 microns dry film thickness and the paint film performance test results are as follows :

TEST	STANDARD	TEST DURATION	RESULT
Humidity Test	ASTM D 4585	500 hours	SUITABLE
QUV	ASTM D 4587	500 hours	SUITABLE
Corrosion	ASTM B 117	600 hours	SUITABLE

Up to the hiding power, 2-3 pass should be applied.

APPLICATION EQUIPMENT

For opaque colours; Air spray application 1,6-1,8 mm nozzle should be used at 3-4 bar pressure.

For metallic colours; Air spray application 1,0-1,4 mm nozzle should be used at 3-4 bar pressure.

PRECAUTIONS

It is important in term of product performance; hardener should not be in contact with humid. Hardener must be stored in its pail without contacting humid and air after using.

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

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

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

Due to the tendency of settlement, metallic paint should be mixed during application.

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.