

## 46861 KANACRYL TOPCOAT-861 1K WT

## PRODUCT DESCRIPTION

It is an acrylic resin based, air drying, one component, zinc phosphate containing topcoat. Very fast drying and adhesion to DKP, aluminum, PA, galvanized surfaces.

## RECOMMENDED USE

- It is designed for touch up applications in wind energy industry
- Automotive industry. Electric motor and gearbox manufacturing industry
- As a primer and topcoat in one component and two component paint systems
- Steel structures and surfaces

## PRODUCT CHARACTERISTICS

Finish: Semi-Matt	Spreading Rate (m <sup>2</sup> /lt) ~15 (30 microns DFT)
Colour: Wide Range of Colours Available	Flash Point 22°C
Thinner: Kanat Thinner 0630 (Low Temp.)	VOC ( Volatile Organic Content) 514 g/l
Volume Solids (%) 49	Application Methods Airless Spray, Conventional Spray, Roller
Density (gr/ml) 1,25±0,10	

## DRYING SCHEDULE(\*)

(30 microns/2 mils film thickness)

	Dry to Touch	Hard Dry	Dry to Over Coat Minimum
5°C	45 minutes	4 hours	9 hours
15°C	35 minutes	3,5 hours	7 hours
25°C	25 minutes	2,5 hours	5 hours
35°C	15 minutes	2,5 hours	5 hours

Drying values are valid for defined dry film thickness and below 80%relative humidity.

Fully Cured: 7 days (20°C)

(\*) Drying time depends on temperature, humidity and film thickness.

## PACKAGING

One pail of **46861 KANACRYL TOPCOAT-861 1K WT** is 0,75 lt

## SHELF LIFE

12 months when the material is stored in a cool and dry place in unopened original containers.

## SAFETY PRECAUTIONS

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

## SURFACE PREPARATION

Use a properly selected primer before topcoat. Surfaces must be dry, clean, free of oil, grease and other foreign material.

**Primed/Midcoated Surfaces:** Follow the overcoating times for primer and/or midcoat, if maximum recoat time is exceeded, abrade surface before topcoating.

The surfaces must be clean and dust free. Remove all the dust, dirt and other foreign material accumulated during the production and storage by pressurized fresh water cleaning. Topcoat is then applied to completely dry surface.

**The Surfaces Other Than Steel:** Contact KANAT Project Group for the galvanized, aluminium, plastic surfaces.

**Touch-up:** Contact especially used as touch coating in wind energy industry.

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## APPLICATION PROCEDURES (Mixing Procedure)

This is a one-component paint. Paint to be thinned shall be minimum 15°C. Add thinner if necessary and homogenize the mixture with a power mixer and wait 10-15 minutes before use.

## APPLICATION CONDITIONS

For the best results;

**Air Temperature:** 5°C minimum, 35°C maximum.

**Surface Temperature:** At least 3°C above dew point, 5°C minimum and 45°C maximum.

**Relative Humidity:** 80% maximum.

Good ventilation is required during application.

## APPLICATION

Stripe coat all crevices, welds and sharp angles. Apply paint at the recommended film thickness and spreading rate. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

## CLEAN UP

**KANAT THINNER 0644, KANAT THINNER 0630**

## APPLICATION EQUIPMENT

(The table is a guide for 20°C)

Application Equipment	Airless Spray	Conventional Spray	Roller
Thinner maximum	%7	%10	%10
Pressure minimum (bar)	150	3 - 4	—
Nozzle (inch)	0,011-0,015	1,4 - 1,8	—

## PRECAUTIONS

• Please specify application method. **KANAT THINNER 0625** shall be used for roller application.

• Recoating period is minimum 1-2 hours and maximum 7 days (20°C). Recoating interval depends on temperature, humidity and film thickness. If maximum recoating time is exceeded abrade surface, if the surface is highly contaminated apply pressurized fresh water cleaning before recoating.

• Do not apply heavy coats beyond the specification otherwise solvent popping may occur.

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