

431 POLYURETHANE CLEAR COAT

PRODUCT DESCRIPTION:

KHEMIX 431 is a 2 pack high quality polyurethane designed for use as Clear-Over-Base (COB) over our PAR Auto Metallic Basecoat/PAR Original Mix Basecoat or wide range of metallic basecoat in the market.

It provides good leveling, deep gloss and weathering ability and slow drying properties. Compatible with most of the market's basecoat system.

It is encouraged for total respraying.

WET PAINT PROPERTIES:

Viscosity	Resin (VUR 2006)	48-52 sec BSB ₄ @ 25°C
	Cure (VHR 2006)	16-20 sec BSB ₄ @ 25°C
Specific Gravity	Resin (VUR 2006)	1.01 ± 0.02
	Cure (VHR 2006)	0.98 ± 0.02
Non Volatile Matter (by wt)	Resin (VUR 2006)	54 ± 2%
	Cure (VHR 2006)	44 ± 2%
Colour Availability	Colourless	
Pot Life @ 25°C	Activated paint should be used within 7 hours	

APPLICATION PARAMETERS:

Mixing Ratio (by volume)	2 Parts Resin to 1 Parts Cure (by volume)
Dilution Ratio	20-25% of PTP8015 (2k Clear Thinner) or other equivalent 2k thinner.
Recommended Spray Gun	Iwata W-71 Ø 1.5 3G
Atomizing Air Pressure	40-60 psi
Distance Of Gun To Substrate	25-30 cm
Spray Pattern Width	20-25 cm
No. Of Coat (application)	1 light coat over basecoat followed by 2 wet coats.

DRY FILM PROPERTIES:

Dry film thickness	30-40 µm
Drying time	Surface dry ≤ 40min
	Touch 40min
	Surface dry ≤ 40min
Oven	60° C x ½ hr.
Gloss	≥90% @ 60° angular
Gasoline Resistance	Good
Scratch Resistance	Good

PACKING:

1.0 ltr can	Resin (VUR2006) – 1.0 ltr
0.5 ltr can	Cure (VHD2006) – 0.5 ltr

Note – VHD 2006 (Cure) is a polyisocyanate based solution. Extreme caution (i.e.: Protective Clothing And Respiratory Gear) is to be taken during handling and using it.