

## Product Description

Classic 2K topcoats are premium Automotive topcoats based on polyurethane chemistry. It offers a hard, chemical resistant paint film with superior gloss that lasts long. The product is available in various shades. It can be stored at lower temperatures to enhance productivity without compromising quality. This product has excellent gloss retention, adhesion, hardness, scratch resistance and extremely durable with non-yellowing characteristics.

## Typical Use

This product is recommended to use for protection and decoration of all automotive metal substrates.

## Technical Data

% Solids By Weight (NVM)	70 +/- 2		
% Solids By Volume	59 +/- 2		
Colour	Brilliant White & Pestle Shades		
Gloss @ 60 G. H.	Above 90 (After Application)		
Specific Gravity (Density/WPL) kg/L	1.25 +/- 0.02		
Flash Point	Base: ≥26°C		Catalyst : ≥15°C
VOC gm/L	≤420		
Theoretical Coverage m <sup>2</sup> /L	Max	Min	STD
	19.5	11.8	14.7
Dry Film Thickness (DFT in microns)	30	50	40
Wet Film Thickness (WFT in microns)	50	85	70
	<i>Actual coverage may vary due to the factors like, type of wood, wind flow, applicators skills and atmospheric conditions.</i>		
Mixing Ratio by Volume	2 Parts Base : 1 Part Catalyst		
Thinner Intake	20 – 30% (Acrylic Thinner #45)		
Pot Life @ 30°C	5 Hours		
Drying Characteristics @ 30°C & ≤85% Humidity			
Dust Free	30 Minutes		
Tack Free	4 Hours		
Full Cure/Packing (Min.)	24 Hours		
Recoating Time (Min.)	8 hours		
Recoating Time (Max.)	Infinite		
Shelf Life & Storage	Base : 12 Months Catalyst : 6 Months		
	<i>Keep the containers in a dry, cool, well ventilated space and away from direct sunlight, sources of heat and ignition. Containers must be always kept tightly closed.</i>		
Pack Size	3.6L, 18L, 20L		

## Application Guidelines

- **Surface Preparation:**

Sand wood surface (New or previously coated) initially with emery paper No. 180 and followed by emery paper No. 220 or 320. Properly remove all the dust by applying air or using rags and later wipe with PU Thinner. Make sure all the traces oil, dust and grease like materials removed before application.

- **Paint System:**

Epoxy Primer/ NC Primer/ PU primer – 1 Coat  
Polyester Putty / NC Putty – 1 Coat  
Classic 2K – 1 or 2 coats

Always sand the surface with fine emery paper before application of subsequent coat until smooth uniform finish is achieved.

- **Application Tools:**

1. Conventional Air Spray: Recommended
2. Brush or Roller : Only where application with spray gun is not possible, but care should be taken to achieve recommended DFT.

- Air Pressure: 40 – 50 bar
- Tip Size of spray gun: 1.2mm
- Ensure adequate ventilation while spraying and drying
- Substrate temperature must be 3°C above dew point
- Recommended to mix thinner first with base and then add catalyst

## Health & Safety Measures

*(Recommended to Read this section before application)*

- Keep out of reach of children
- Recommended to wear overalls, safety goggles and solvent mask while spraying
- Avoid contact with skin and eyes.

## First-Aid

- **Eyes** : Immediately flush eyes with water and seek medical help
- **Skin** : Use soap & water or appropriate cleaner
- **Inhalation** : Allow to breath fresh air, loose the neckline and keep him/her rested
- **Ingestion** : Obtain medical help without asking for omitting

## Disclaimer

The data provided in this sheet is given to the best of our knowledge and based on laboratory testing and practical experience. We cannot guarantee anything but the product since the conditions and methods during application vary. We reserve the right to change the given data without prior notice. The product data sheet supersedes those previously issued.

For more information, contact our Liberty Paints Representative or go to [www.libertypaintsarabia.com](http://www.libertypaintsarabia.com) or reach to us on [support@libertypaintsarabia.com](mailto:support@libertypaintsarabia.com)