

BASECOAT/COLOR COAT

56-PL5 [Acrylic Top Coat Fine White Pearl]

1. GENERAL INFORMATION

High performance Acrylic basecoat for Automotive coating. It's provide good color strength, easy to spray, good adhesion over primed coated substrate. It's also able to apply direct to plastic such as ABS, PC/ABS. It's must be used in conjunction with 2K clear coat in order to provide protection from environment.
Packing Size : 1 Litter / 1 Gallon

2. MIXING

COMPONENTS

56-PL5 (Acrylic Top Coat Fine White Pearl)

86-104 (Acrylic Thinner)

MIX RATIO	Volume	By weight	Remark
56-PL5	1.0	100	
86-104	1.0	130	
APPLY VISCOSITY	11-13 seconds by NK#2		

3. APPLICATION

SURFACE PREPARATION

All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application.

APPLICATION

Number of coats	2 – 3 coats Medium wet coats. Remark: Mixing ratio, Mixing component and environmental effect to flash off time.		
Dry film thickness	20 – 30 microns		
Theoretical Coverages	9 - 10	m ² /1 Liter of ready to spray paint at dry film 20 micron	

APPLICATION EQUIPMENT

GUN SET UP*	Compliant	Gravity Feed	1.3 – 1.6 mm
		Siphon Feed	1.3 – 1.6 mm
	HVLP	Gravity Feed	1.3 – 1.6 mm
		Siphon Feed	1.3 – 1.6 mm
AIR PRESSURE*	Compliant	Gravity Feed	20 – 30 psi at the gun
		Siphon Feed	20 – 30 psi at the gun
	HVLP	Gravity Feed	6-8 psi at the cap
		Siphon Feed	6-8 psi at the cap

Remark : The listed setups cover the range for standard application equipment.

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4. DRY TIME

AIR DRY @25-30 °C

Touch Dry : 3 – 7 minutes

Dry for Topcoat : 10 – 15 minutes

FORCE DRY at 60-80 °C

Flash off before forcing dry : 5 - 10 minutes

Cycle Time : 10 - 15 minutes

Cool Down : 30 – 40 minutes

INFRARED DRY

Refer to the Infrared Guide for setting up recommendations.

5. PHYSICAL PROPERTIES

Specific Gravity : 1.00 - 1.30 g/cm³

6. VOC REGULATION AREAS

These directions refer to the use of products which may be restrictors require special mixing instruction in VOC regulation areas. Follow mixing usage and recommendations in the VOC compliant products Chart for your area.

7. SAFETY AND HANDLING

For professional or trained applicator use only. Not for sale or use by the public. Before use, read and follow all TDS, label, and SDS precautions. Flammable product. Keep outreach of children. Always wear approved organic vapor goggles and a safety mask when using a product. Apply paint in good ventilating area.

This data relates only to the material designated herein and does not apply to use in combination with any other material or any process.

The data is not to be considered as a warranty or quality specification and assumes no liability in connection with its use.