

# Tech Sheet – Restoration Shop AL

## DESCRIPTION



### Restoration Shop AL- Acrylic Lacquer

Restoration Shop **AL Series Acrylic Lacquer** is a fast dry, acrylic based lacquer system designed for Automotive Restoration Purposes. **AL Series Acrylic Lacquer** single stage colors can be polished to a full gloss. **CL3245** High Performance Acrylic Lacquer Clear coat may be used to give more depth of color and added durability as well as making polishing easier.



## COMPONENTS



- AL - Acrylic Lacquer Color
- LT 70 - Lacquer Thinner
- LT 85 - High Gloss Lacquer Thinner
- CL3245 - High Performance Acrylic Lacquer Clear

## MIXING RATIO



Reduce 100% with LT Lacquer Thinner. Use one part lacquer to one part thinner (1:1). **AL Kit** contains the exact amount required to obtain the 1 : 1 Mix Ratio.

## CLEAN UP



KT912 (Check local regulations)

## ADDITIVES



- KR100 Retarder
- KE215 Fisheye Eliminator

## SURFACE PREPARATION



USE RECOMMENDED UNDERCOAT SYSTEM FOLLOWING RECOMMENDED PROCEDURES.



- Wipe with KW901 Grease and Wax Remover or KW902 Anti-Static Panel Kleaner
- Abrade with 150 grit then 320 grit sandpaper or equivalent.
- Wipe again with KW901 Grease and Wax Remover or KW902 Anti-Static Panel Kleaner
- For best results apply anti-corrosive primer such as KEP Series epoxy primers over bare metal.

## SUBSTRATES



**AL Series Acrylic Lacquer may be applied over:** Cleaned, sanded and primed OEM or Refinish topcoat. Kustom Shop **KEP** Epoxy Primer / Sealer. **KPP** Polyester Primer, Kustom Shop **KL611** Old school Acrylic Lacquer Primer.

## DRY TIMES



### AIR DRY @ 77°F

Tack Free ..... 5-10 minutes  
To Tape ..... 1 Hour  
To Recoat..... Overnight

**Optional Clear coating:** If desired, a clear coat can be applied to provide additional long term durability and wet-look appearance. **CL3245** High Performance Acrylic Lacquer Sunscreening Clear. Mix 1 : 1 with LT85 High Gloss Lacquer Thinner. Apply 3-4 coats before clearcoat. Allow the final coat of color to dry a

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minimum of 30 minutes but no longer than 24 hours before applying clear. After 24 hour, color must be sanded and additional coat of color applied. To avoid the risk of crazing, it is best to apply all coats of lacquer on the same day.

## APPLICATION

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### For Air Spray

- Spray 3-4 medium wet coats or to full hiding is achieved
- Allow 5 -10 minutes @ 70° F flash time between coats

## GUN SETUPS

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### CONVENTIONAL

Gravity Feed..... 1.5 mm - 1.8 mm  
Siphon Feed ..... 1.5 mm - 1.8 mm

HVLP ..... 043 - .052

## AIR PRESSURES



### CONVENTIONAL @ GUN

Gravity Feed..... 35 - 40 psi  
Siphon Feed ..... 40 - 50 psi

HVLP @ Cap ..... 8 - 10 psi

## PHYSICAL DATA

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VOC AL Color or Clear ..... 5.2 lbs/gal (624 g/l) max  
VOC LT 70 Medium ..... 5.89 lbs/gal (706 g/l)  
VOC LT 85 Slow ..... 4.85 lbs/gal (582 g/l)  
VOC mixed 1:1 with LT 70 Medium ..... 5.54 lbs/gal (664 g/l)  
VOC mixed 1:1 with LT 85 Slow ..... 5.02 lbs/gal (602 g/l)  
Flash Point ..... 53°F

## POLISHING

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Air Dry 24 hours minimum before polishing.

## SAFETY

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Before using any Restoration Shop product, be sure to read all MSDS and application instructions and warnings. Always wear a properly fitted air purifying respirator with organic vapor cartridges and particulate filter or a fresh air respirator (depending on product selection), eye protection, gloves and protective clothing during application and until vapors are exhausted. Do not permit anyone without protection in the painting area. This product is intended for use by a professionally trained painter.

**Keep out of the reach of children.**

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