

# Tech Sheet – Restoration Shop AE

## DESCRIPTION



### Restoration Shop AE- Acrylic Enamel with AU4001 Polyurethane Hardener

The Restoration Shop AE Acrylic Enamel with Polyurethane Hardener system is a single stage system designed for overall automobile refinishing or as a fleet and equipment finish. It resists the elements retaining color and gloss with an easy-to-use system.

## COMPONENTS



- AE - Acrylic Enamel Color
- AU4001- Acrylic Enamel Wet Look Hardener / Polyurethane Enhancer

### Optional Reducer May be added:

- for 2.8VOC use XR60, XR70 or XR85
- for 3.5VOC use KR60, KR70 or KR85



## POT LIFE @ 77°F



8 hours once mixed with AU4001 Wet Look Hardener

## MIXING RATIO



Mixing Ratios: 8 : 1

## CLEAN UP



KT-025

## SUBSTRATES



**AE Series Acrylic Enamel may be applied over:** Cleaned, sanded and primed OEM or Refinish topcoat. Kustom Shop **KEP** Epoxy Primer / Sealer. Kustom Shop **KUP** Urethane Primer. Kustom Shop **KFP** Hi-Build 2K Primer Surface Kustom Shop **KPP** Polyester Primer, Kustom Shop **KL611** Old school Acrylic Lacquer Primer, AS – Acrylic Enamel Primer Sealer

## SURFACE PREPARATION



USE RECOMMENDED UNDERCOAT SYSTEM FOLLOWING RECOMMENDED PROCEDURES.



- Abrade with 150 grit then 320 grit sandpaper or equivalent.
- Wipe 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.

## APPLICATION

### For Air Spray



- Spray 2 - 3 medium wet coats or to full hiding is achieved
- Allow 10 -15 minutes @ 70° F flash time between coats

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## DRY TIMES



### AIR DRY @ 70°F

Tack Free .....	3 Hours
To Tape .....	16-24 Hours
To Recoat .....	Overnight

**Clear Coating:** Applying a clear coat to AE Acrylic Enamel is not required or recommended. If clearcoat is necessary for matching purposes or to achieve a desired look, then we recommend that you start with the Restoration Shop UB Urethane Basecoat / Clearcoat system.

## GUN SETUPS



### CONVENTIONAL

Gravity Feed .....	1.6 mm - 1.8 mm
Siphon Feed .....	1.6 mm - 1.8 mm

### HVLP

Anest Iwata LPH 400 .....	1.4 mm - 1.6 mm
Binks MG1 .....	1.3 mm - 1.6 mm
Devilbiss GTI .....	1.4 mm - 1.6 mm
Sata 95 & 2000 .....	1.3 mm - 1.5 mm

## AIR PRESSURES



### CONVENTIONAL @ GUN

Gravity Feed .....	50 - 55 psi
Siphon Feed .....	55 - 60 psi

HVLP @ Cap .....

8 - 10 psi
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## PHYSICAL DATA

VOC AE Color Regulatory .....	Does Not Exceed 2.8 lbs/gal (363 g/l)
VOC AE Color Actual .....	Does Not Exceed 2.8 lbs/gal (363 g/l)
VOC AE 4001 <b>Regulatory</b> .....	2.53 lbs/gal (302 g/l)
VOC AU 4001 <b>Actual</b> .....	2.53 lbs/gal (302 g/l)
Flash Point .....	46°F

## SAFETY



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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