DESCRIPTION

Restoration Shop AE- Acrylic Enamel with AE3001 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
- UR 60 - Urethane Reducer Fast
- UR 70 - Urethane Reducer Medium
- UR 85 - Urethane Reducer Slow
- XR70 - Exempt Reducer for 3.5 VOC System
- AE3001- Acrylic Enamel Wet Look Hardener / Polyurethane Enhancer

POT LIFE @ 77°F

8 hours once mixed with AE3001 Wet Look Hardener

MIXING RATIO

Mixing Ratios: 8 : 1 : 2 8 parts AE Color – 1 part AE3001 Hardener – 2 parts UR Reducer

(Select the best Temperature for your conditions). AE Kit contains the exact amount required to obtain the 8 : 1 : 2 Mix Ratio. AE Kit includes 1 Gallon AE Color, 1 Pint AE3001 Hardener and 1 Quart of the Reducer of your choice.

CLEAN UP

KT912 (Check local regulations)

SUBSTRATES

AE Series Acrylic Enamel may be applied over: Cleaned, sanded and primed OEM or Refinish topcoat. Kustom Shop KEPEpoxy Primer / Sealer. Kustom Shop KUP Urethane Primer. Kustom Shop KFP Hi-Build 2K Primer Surfacer 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
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

**PHYSICAL DATA**

- VOC AE Color: 3.1-3.5 lbs/gal (420 g/l)
- VOC AE 3001: 2.04 lbs/gal (244 g/l)
- VOC UR Reducers: 7.52 lbs/gal (902 g/l)
- VOC X70 Reducers: 0.00 Exempt
- VOC Mixed at 8:1:2 with UR Reducers: 4.01 lbs/gal (481 g/l)
- VOC Mixed at 8:1:2 with X70 Reducers: 3.24 lbs/gal (388 g/l)
- Flash Point: 46ºF

**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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