

Tech Sheet – Restoration Shop AU

DESCRIPTION



Restoration Shop AU- Acrylic Urethane Single Stage

AU Acrylic Urethane Single Stage is formulated to give outstanding gloss, depth, chemical resistance and durability in an easy-to-use system.

COMPONENTS



- AU - Polyurethane Enamel Color
- AU4001 - Polyurethane Hardener

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



2 ½-3 hours

MIXING RATIO



Mixing Ratios: 4 : 1

CLEAN UP



KT-025

SUBSTRATES



AU Series Acrylic Urethane 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 Surfacer. Kustom Shop **KPP** Polyester Primer, Kustom Shop **KL611** Old school Acrylic Lacquer Primer.

- Epoxy Primer
- Properly Prepared OEM Surface
- Properly Prepared Aluminum and Steel.

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.

APPLICATION



For Air Spray

- Spray 2 - 3 medium wet coats or until full hiding is achieved

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- Allow 10 -15 minutes @ 70° F flash time between coats

DRY TIMES

AIR DRY @ 77°F



Tack Free.....	2 Hours
To Tape	6 Hours
To Recoat	16 Hours

Optional Clear coating: If desired, a clear coat can be applied to provide additional long term durability and wet-look appearance. **KC210** Urethane Speed Clear with **KH212** Overall Hardener or **KC310** Super Flow Polyurethane Clear with **KH311** Hardener. **Note:** The color must dry a minimum of 4 hours before clear coating.

GUN SETUPS



CONVENTIONAL

Gravity Feed.....	1.5 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	35 - 45 psi
Siphon Feed.....	45 - 55 psi

HVLP @ Cap

8 - 10 psi

PHYSICAL DATA

VOC AU Color Regulatory	Does Not Exceed 2.8 lbs/gal (363 g/l)
VOC AU Color Actual	Does Not Exceed 2.8 lbs/gal (363 g/l)
VOC AU 4001 Regulatory	2.53 lbs/gal (302 g/l)
VOC AE 4001 Actual	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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