

# Tech Sheet – Restoration Shop UB

## DESCRIPTION



### Restoration Shop UB – Urethane Basecoat

Restoration Shop **UB Basecoat** is a state-of-the-art, basecoat/clearcoat system designed to reproduce the hi-tech O.E.M. finishes found on today's vehicles. It features outstanding coverage, rapid dry time, excellent metallic control and optimum reparability.

## COMPONENTS



- UB - High Performance Base Color
- UR 60 - Urethane Reducer Fast
- UR 70 - Urethane Reducer Medium
- UR 85 - Urethane Reducer Slow



## POT LIFE @ 77°F



When properly covered at 77°F UB Basecoat will maintain a sprayable viscosity indefinitely

## MIXING RATIO



Mixing Ratios: **2 : 1** 2 parts UB Color – 1 part UR Reducer.

## CLEAN UP



KT912 (Check local regulations)

## SUBSTRATES



**UB Series Urethane Basecoat 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 with an overlap of 50% until full hiding is achieved
- Allow 5-10 minutes @ 70° F flash time between coats
- Dry mils 2.0 to 3.0 mils. Wet mils 4.0 to 6.5 mils.
- Surface temperature should be 50-100°F with less than 80% ambient humidity preferred.

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## FLASH / DRY TIMES

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### AIR DRY @ 77°F

Flash Between Coats.....	5-10 Minutes
To Tape.....	20-40 Minutes
To Clearcoat.....	30 Minutes

**Note:** If the basecoat is allowed to dry more than 24 hours, it must be scuffed and new basecoat applied.

**Clear Coating:** **KC210** Urethane Speed Clear with **KH212** Overall Hardener or **KC310** Super Flow Polyurethane Clear with **KH311** Hardener.

## GUN SETUPS

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### CONVENTIONAL

Gravity Feed.....	1.3 mm - 1.5 mm
Siphon Feed.....	1.6 mm - 1.8 mm

### HVLP

Anest Iwata LPH 400.....	1.2 mm - 1.4 mm tip
Binks MG1.....	1.3 mm - 1.5 mm tip
Devilbiss GTI.....	1.4 mm - 1.6 mm tip
Sata 95 & 2000.....	1.3 mm - 1.5 mm tip

## AIR PRESSURES



### CONVENTIONAL @ GUN

Gravity Feed.....	35 - 40 psi
Siphon Feed.....	45 - 50 psi

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

## PHYSICAL DATA (2:1) Base Color

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VOC (Volatile Organic Content).....	5.69 lbs/gal (682 g/l)
VOC UR Reducers.....	7.52 lbs/gal (902 g/l)
VOC X70 Reducers.....	0.00 Exempt
Flash Point.....	27°F

## 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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