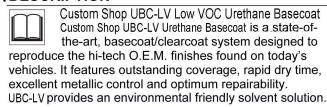
# LVBR100 Series Low VOC Basecoat

# Tech Sheet - Custom Shop UBC-LV 3.5 VOC Compliant

#### 1. DESCRIPTION



## 2. COMPONENTS



• UBC-LV Low VOC Base Coat

For 3.5 VOC Must Use XR Series Reducer

- XR60 Fast Reducer Up to 55-70 F (24 C)
- XR70 Medium Reducer 70-85 F (24 C 32 C)
- XR85 Slow Reducer- 85 F and Above

For National Rule VOC May use KR Series Reducers KR60, KR70, KR85 or UR60, UR70, and UR85

# 3. POT LIFE @ 77°F



When Properly Covered at 77 F / 25 C UBC-LV Basecoat will maintain a sprayable viscosity indefinently. With KH211 or KH212: 2 Hours

#### 4. MIXING RATIO



Mixing Ratios: 2:1 2 Parts UBLV Color - 1 Part XR, KR, or UR Reducer

Mix One Part Base Color with One Half Part Reducer (2-1 By Volume).

Optional: Add 1% Max. of KH211 or KH212 Activator per Sprayable Quart for Enhanced Performance.

#### 5.CLEAN UP



**KT-025 Compliant Solvent Cleaner** 

## **6.SUBSTRATES**



UBC-LV 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. Restoration Shop RP2100 High Solids Urethane Primer.

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

  Note: Do Not Apply Over Self Etching Primer

#### SURFACE PREPARATION



USE RECOMMENDED UNDERCOAT SYSTEM FOLLOWING RECOMMENDED PROCEDURES.

Wipe with KW901 Grease and Wax Remover or For National Rule Areas KW902 Anti-Static Panel Kleaner

Abrade with 400 grit then 500 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. KEP Epoxy May also be used as excellent sealer over all substraties and old finishes.

#### **OEM Blend Areas**

- Option 1: Clean blend area with KW901 or KW902. Scuff blend area with gray scuff pad and sanding paste. Sanding paste must be thoroughly washed away.
   Re-clean blend area with KW901 or KW902 prior to topcoating
- Option 2: Clean blend area with KW901 or KW902. Sand blend areas with P800 - P1000 grit paper, for hard to reach areas scuff with gray scuff pad. Re-clean blend area with KW901 or KW902 prior to topcoating.

Note: Option 1 and 2 the OEM Blend area must be scuffed or sanded completely dull.

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# LVBR100 Series Low VOC Basecoat



## **GENERAL INFORMATION**

Custom Shop provides an environmentally friendly and economical solvent solution using our trademark Clean Air® formula technology while maintaining the consistent quality that Valspar is known for. The Basecoat Series is an Economically friendly, high performance basecoat featuring outstanding dry times, excellent metallic control and optimum repairability.



#### 7. APPLICATION

- Spray two (2) to three (3) medium-wet coats with an overlap of 75% until hiding and color match are achieved
- · Allow each coat 5-10 minutes flash or until finish is dull
- Dry mils 2.0 to 3.0 mils  $(20-75 \mu m)$
- Wet mils 4.0 to 6.5 mils(100-165 μm)
- Surface temperature should be 70-100°F / 21-35°C with less than 80% ambient humidity preferred



#### 8. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash between coats	5-10 Minutes
To Tape	10-15 Minutes
To Clearcoat	30 Minutes

**NOTE:** If basecoat is allowed to dry more than 24 hours before clearcoating, scuff and respray basecoat.



#### 9. GUN SET UP

CONVENTIONAL GUN	
Gravity Feed	1.3 mm - 1.4 mm
Siphon Feed	1.6 mm - 1.7 mm
HVLP	
Fluid Tip	1.3 mm - 1.4 mm tip

#### AIR PRESSURES

Conventional @ Gun		
Gravity Feed	15-20 psi (1.0-1.5 bar)	
Siphon Feed	30-40 psi (2.0-2.8 bar)	
HVLP Inlet Air	6-8 psi (0.41-0.55 bar)	
See spray gun manufacturer info		



# 10. PHYSICAL DATA

	1:1	
RTS REGULATORY DATA:	(XR Series Reducers)	
	LBS./GAL	g/L
Actual VOC	1.25 Max.	150 Max.
Regulatory VOC (less water and exempt solvents)	3.5 Max.	420 Max.
Density	7 - 12	840 - 1440
	WT.%	VOL.%
Total Volatile Content	70 - 95	70 - 95
Water Content	0	0
Exempt Compound Content	50 - 90	50 - 90
Coating Category	Coating Component	

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