

Tech Sheet – Restoration Shop PS

DESCRIPTION



Restoration Shop PS - Acrylic Enamel Primer Sealer

PS Acrylic Enamel Primer Sealer is a fast drying, non-sanding Enamel Primer with excellent adhesion and moisture resistance for very good corrosion resistance. It is recommended for additional corrosion resistance and to act as a great ground coat for all AE colors. It assists in giving a great uniform base with great color holdout and is available in five colors: white, gray, red, yellow, and blue.

COMPONENTS



- PS441 (White), PS442 (Gray), PS443 (Red), PS444 (Yellow), PS445 (Blue) or PS446 (Black) Primer Sealer
- XR70 - Medium Exempt Reducer
- UR 60 70 80- Urethane Enamel Reducers
- AU4001- Acrylic Urethane Wet Look Hardener

MIXING RATIO



Mixing Ratios: 16 : 1 16 parts PS Sealer – 1 part AU4001 Hardener. Additional Reducer can be added up to 1 quart per gallon.

POT LIFE @ 77°F



8 hours once mixed with AU4001 Wet Look Hardener

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.

CLEAN UP



KT912 (Check local regulations)

SUBSTRATES



PS Series Acrylic Enamel Primer Sealer 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.

APPLICATION



For Air Spray

- Spray 1-2 medium wet coats
- Allow 20 minutes @ 77° F flash time between coats

Tech Sheet – Restoration Shop PS

DRY TIMES



AIR DRY @ 77°F

Flash between coats	20 minutes
To Topcoat	40 minutes

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 - 40 psi
Siphon Feed.....	40 - 50 psi

HVLP @ Cap

8 - 10 psi

PHYSICAL DATA

VOC PS Primer Sealer.....	3.19 lbs/gal (average)
Recommended DFT.....	0.5 - 1.5 mils
VOC AU4001 Hardener.....	2.21 lbs/gal (266 g/l)
VOC Mixed at 16:1.....	3.05 lbs/gal (366 g/l)

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.**

IMPORTANT: The data on this sheet represent typical values obtained by the methods indicated. Since application variables are a major factor in product performance, this information should serve only as a general guide. Restoration Shop assumes no obligation or liability for use of this information. Unless Restoration Shop agrees otherwise in writing, RESTORATION SHOP MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. RESTORATION SHOP WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Unless Restoration Shop agrees otherwise in writing, Restoration Shop's only obligation for any defect in this product under any warranty that Restoration Shop provides or under any other legal theory will be to replace the defective product, or to refund its purchase price, at Restoration Shop's option.