

COMPLIANT COATINGS SYSTEM



PRIMER SURFACER

POLYPRIMER 4:1

HIGH PERFORMANCE POLYESTER PRIMER SURFACER

VOC: 200 g/l or less, 1.66 lb/gal (Combined Components)



POLYPRIMER 4:1 is a two-component corrosion-resistant, sanding primer surfacer based on an air-drying polyester resin. The pigmentation is carefully balanced for optimum sanding properties. It is fast drying and has excellent filling properties and adhesion over fiberglass, metal, plastic and wood. Can be topcoated with all types of finishes, acrylics, lacquers, synthetic enamels and two-component urethane coatings including waterborne basecoats.

ADVANTAGES:

- ▼ 4:1 ratio, easy to mix consistency
- ▼ Meets air quality regulations
- ▼ Excellent filling properties, smooth surface
- ▼ Lead-, chromate- and isocyanate-free

Product Numbers: PART A: 941 Gray
PART B: 9498 Catalyst





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SURFACE PREPARATION

Prior to application, the surface must be dry, clean and free from wax, grease, oil, rust, dirt or any other foreign matter. Use PCL 2040 *NOVOC*® Compliant Universal Solvent on unpainted surfaces. Sand and featheredge original finish with 220 or 320 wet or dry sandpaper. Use PCL 187 Pre-Treatment Coating over bare metal for optimum adhesion.

MIXING – IMPORTANT

Polyprimer 4:1 is a two-component product consisting of Polyprimer 4:1 Part A and Part B 9498 Catalyst. The proper mixing ratio is 4:1.

IMPORTANT! Polyprimer 4:1 Part A must be mixed with Polyprimer 4:1 Part B Catalyst before the product can be used. Any mixture of Part A and Part B Catalyst will have the hazards of both components. Before opening the packages, READ ALL WARNINGS ON THE LABELS. OBSERVE ALL APPLICABLE PRECAUTIONS.

MIX ONLY WHEN READY TO USE. Mix only enough material to be used in 30–35 minutes.

Always maintain the proper mixing ratio, four parts Part A to one part Part B Catalyst. In a separate and larger container, thoroughly stir Part A and slowly add Part B Catalyst until well mixed.

Pot Life: Pot life is approximately 30–35 minutes @ 77°F. Pot life will shorten at higher temperatures and/or in larger quantities.

THINNING

No thinning is required. If additional thinning is desired, use PCL 2010 Acetone.

APPLICATION

Apply a wet mist coat with 5 minutes flash-off time. Follow with a medium wet coat. Allow 15 minutes between subsequent coats. Do not apply more than 3 medium coats.

CAUTION: Dry spray of Polyprimer 4:1 may cause blistering of color coat.

SANDING: Depending on temperature, Polyprimer 4:1 can be sanded between 45 minutes to 1 hour. For optimum results, dry sand using 320 to 400 grit paper. If wet sanding is preferred, surface must be completely dry prior to applying topcoat.

EQUIPMENT CLEANING

Clean spray guns and coating application equipment in an enclosed equipment cleaner. Use PCL 2040 *NOVOC*® Compliant Universal Solvent or PCL 8007 Compliant Cleaning Solvent. Follow your local air quality regulations for solvent VOC requirements.

TECHNICAL DATA (Combined Components)

VOC:	200 g/l or less, 1.66 lb/gal
Color:	Gray
Finish:	Flat
Solvent:	Styrene, Ketones, Ester, Aliphatic Hydrocarbon, MEKP and Butyl Acetone
Flash Point:	1°F/TCC (Part A), 1°F/TCC (Catalyst)
Dry-to-Touch:	Within 30 minutes @ 77°F
% Solids by Volume:	66
% Solids by Weight:	79
Theoretical Coverage:	1060 sq. ft. per gallon @ 1 mil DFT
Viscosity:	25–26 seconds #3 Zahn cup @ 77°F
Recoat Time:	15 minutes @ 70–80°F
Shelf Life:	1 year from date of manufacture when stored at temperatures not to exceed 90°F.

PRODUCT USAGE



NOTE: FOR USE BY PROFESSIONAL, TRAINED PERSONNEL, USING PROPER EQUIPMENT WITH STANDARD SAFETY PROCEDURES. NOT INTENDED FOR SALE TO THE GENERAL PUBLIC. FOR PROFESSIONAL USE ONLY. NOT FOR RESIDENTIAL USE.

REFER TO THE PRODUCT LABEL AND MATERIAL SAFETY DATA SHEET (MSDS) FOR CAUTIONS AND WARNINGS PERTAINING TO THIS PRODUCT.

LIMITED WARRANTY

PCL certifies that all PCL products delivered to the customer in new, sealed containers will meet all pertinent quality standards presented in PCL published literature. Since matters of surface preparation, application procedures and other local factors which affect performance are beyond its control, PCL assumes no liability for coating failure other than to supply replacement material for a PCL product shown to be defective. If you have questions, contact your dealer, visit www.pclautomotive.com, or call PCL. There is no other warranty, either expressed or implied.

