



POLYPRIMER 4:1

HIGH PERFORMANCE POLYESTER PRIMER SURFACER



DESCRIPTION

POLYPRIMER 4:1 is a two component corrosion-resistant, sanding primer surfacer based on an air-drying polyester resin. VOC is <250 g/l (2.1 lb/gl). 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**

DIRECTION FOR USE

SURFACE PREPERATION

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 2K EPOXY PRIME-N-SEAL 6711 or 6713 over bare metal for optimum adhesion.



MIXING

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.



DRY TIMES

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.



PHYSICAL PROPERTIES

All Values Ready To Spray

941 Gray

Max. VOC (LE)

Max. VOC (AP)

Avg. Gal. Wt.:

Avg. Wt. Volatiles:

Avg. Wt. Exempt Solvent:

Avg. Wt. Water:

Avg. Vol. Exempt Solvent:

Avg. Vol. Water:

Standard Mix Ratio 4:1

250 g/L (2.1 lbs./gal or less) *

200 g/L (1.7 lbs./gal or less) *

1306 g/L (10.90 lbs./gal)

21%

14%

0.0%

21%

0.0%

Theoretical Coverage:

1060 ft² at 1 mil

Flash Point:

See SDS/MSDS

* Max VOC (LE) and VOC (AP) data based on Method 24 testing of ready to spray product, styrene component acts as a reactive diluent, a portion crosslinks into resin.

VOC REGULATED AREAS

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing usage and recommendations in the VOC Compliant Products Chart for your area.

SAFETY AND HANDLING

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and SDS/MSDS precautions. If mixed with other components, mixture will have hazards of all components.

Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

Revised: April 2018