PETTIT PAINT®

IKONIKOLOR PRO

EXPRESS PRIMER

- Two-component fast drying primer
- Superior adhesion and chemical resistance
- Provides uniform foundation for application of topcoat
- Spray application only

PREMIUM TWO COMPONENT ACRYLIC URETHANE PRIMER

IKONIKOLOR PRO™ acrylic urethane primer is a multi-use premium, two-part primer that can be used for both interior and exterior applications prior to applying Ikonikolor topcoats for small applications and repairs. This product provides superior adhesion, chemical and corrosion resistance to a variety of substrates including fiberglass/gelcoat, properly etched/primed metal, and previously painted 2-Part paint surfaces.

This product primes old and new properly prepared substrates and enhances the high gloss finish of topcoat.

TECHNICAL INFORMATION

VEHICLE TYPE: Urethane

FINISH: Flat

COLOR: Gray

COMPONENTS: Two

MIX RATIO: 1:1

No Reduction

ex:12oz:12oz:0oz

SOLIDS BY WEIGHT: 52% ± 2%

COVERAGE: Zero loss calculations

175 ft_2/ half gal. @ 3 mils

VOC: 413 grams/liter

APPLICATION METHOD: Spray

POT LIFE: 20 mins

APPLICATION TEMP: 50°F Min / 90°F Max

WET FILM THICKNESS: 3-6 mils per coat

DRY FILM THICKNESS: 1.5-3.0 mils per coat

REDUCER/ CLEANER: Ikonikolor PRO Reducer **RECOAT TIME:** @ 70₀ 20-30 mins

NUMBER OF COATS: 2-3

ASSOCIATED PRODUCTS: AnchorTech® Adhesives and Sealants, 92 Bio Blue® Hull Surface Prep, 7050 EZ Fair, 4700/4701 Pettit Protect Epoxy Primer, Ikonikolor Pro Prep Solvent, **Ikonikolor Pro 751 Express Primer Activator**

Mixing Instructions:

1. *Mix part A base material well. All solids must be properly dispersed.*
2. *Mix part A base and part B activator together at 1:1 mix ratio*
3. *Reduction not recommended*

APPLICATION INFORMATION: This product may be applied via conventional or HVLP spray equipment. 2 -3 medium volume coverage coats may be applied in a day allowing 20-30 mins (depending on temperature) in between coats until recommended film thickness is achieved.
Do not apply in the late afternoon when working outdoors as the wet film may be adversely affected by dew. When working in cooler temperatures be sure the air and surface temperatures will remain at or above 45°F for at least 8 hours after application. Do not apply paint materials to surfaces less than 5₀F
above dew point, or to surfaces warmer than 125₀F.

NOTE: Primer allowed to cure for 7 days or longer must be sanded with 320-400 grit sandpaper prior to application of topcoat

PREPARATION FOR PAINTING: Verify if previous painted surface passes the 'coating compatibility testing'. If the previous coating passes the compatibility test proceed with the outlined steps for preparation. Coating performance, in general, is proportional to the degree of surface preparation. Follow recommendations carefully, avoiding shortcuts. Surface must be free of dirt, loose paint, rust, oil, grease, wax, soap, and any other foreign matter. Remove existing mildew with household bleach instead of ammonia. Prep areas to be painted Pettit 92 Bio-Blue Surface Prep and a scotchbrite® pad and rinse clean with water. Prior to coating application, the surface should be cleaned with Pettit 1130 Ikonikolor Pro Prep Solvent using the two-rag cleaning method.

BARE FIBERGLASS/GELCOAT: The entire surface to be painted regardless of age must be thoroughly prepped with 130 ProPoxy Prep Solvent using the two-rag method. Sand the gel coat with 220 grit sandpaper to a dull appearance, solvent clean to remove residue. If the surface is rough or imperfections exist, it will have to be repaired. Fill all nicks and gouges with 7050 EZ Fair Epoxy Fairing Compound, sand flush when hard. Follow with a coat of Ikonikolor Pro Express Primer to smooth the surface and provide a uniform base. Sand all surfaces to final 320-400 grit profile. Entire surface should be wiped down with 1130 Ikonikolor Pro Prep Solvent using the two-rag method prior to application of topcoat.

BARE STEEL/ALUMINIUM: Surface must be cleaned to a bright finish by sandblasting or grinding to minimum SSPC-SP10 Near White; remove blast residue with a clean dry air line and broom. Surface must hold a uniform 2-3 mil anchor profile. Aluminum needs to be prepared with non-ferrous media or grinding materials. immediately apply two coats of 4700/4701 Pettit Protect Epoxy Primer. Allow to dry a minimum of 24 hours. Scuff the primer with 120-180 grit sandpaper. Apply 2-3 coats Ikonikolor Pro Express Primer following instructions. Repeat application as needed until a smooth, uniform base is reached. Proceed with the first coat of Ikonikolor Pro. Sand all surfaces to final 320-400 grit profile. Entire surface should be wiped down with 1130 Ikonikolor Pro Prep Solvent using the two-rag method prior to application of topcoat.

2-PART PAINTED SURFACES: The entire surface to be painted regardless of age must be thoroughly prepped with 1130 Ikonikolor Pro Prep Solvent using the two-rag method. In some cases, priming may not be necessary if the previous coating is in excellent condition. If priming is necessary, sand the previous 2-part painted surface with 220 grit sandpaper to a dull appearance, solvent clean to remove residue. If the surface is rough or imperfections exist, it will have to be repaired. Fill all nicks and gouges with 7050 EZ Fair Epoxy Fairing Compound, sand flush when hard. Follow with a coat of Ikonikolor Pro Express Primer to smooth the surface and provide a uniform base. Sand all surfaces to final 320-400 grit profile. Entire surface should be wiped down with 1130 Ikonikolor Pro Prep Solvent using the two-rag method prior to application of topcoat.

Coating Compatibility Testing: To ensure long term coating performance the surface should be tested with two compatibility tests to confirm solvent compatibility and condition of existing coating.

Test 1- SOLVENT COMPATIBILITY: First, sand a 4"x4" area with 220 grit paper lightly to a dull finish. Next, saturate a small rag with Ikonikolor Pro reducer 1128 or Ikonikolor Pro Epoxy Reducer 199. Finally, tape the rag to the scuffed surface for 20-30 mins. Remove and inspect coating after 30 mins for detachment, coating degradation or softening.

Test 2 – SYSTEM ADHESION COMPATIBILITY: Perform a cross hatch adhesion test of existing coatings under ASTM 3359 Method B or C as appropriate.

If either test fails, the coating must be removed completely, and the sanded surface retested for compatibility.

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Gun	Air Pressure	Nozzle
Conventional Gravity Feed	20-30 psi	1.4-2.0 mm
Conventional Pressure Pot	8-12 psi (Pot) 20-30 psi(gun)	1.4-2.0 mm at 8-12 oz/min

Dry Times	Touch	Recoat
90 Degrees	10 mins	20 – 30 mins
70 Degrees	10 mins	20 – 30 mins