

# IKONIKOLOR PRO™

## Metallic and Pearl Base Coat

- Fast dry formula
- Excellent flow-out and even application
- Brilliant metallic effect
- Available in metallic and pearl finishes



### PREMIUM ACRYLIC URETHANE BASECOAT

IKONIKOLOR PRO Metallic and Pearl Base Coats are quick drying and easy to apply modified acrylic matte coatings for interiors and exteriors creating metalized and pearlescent shades that are then over-painted with glossy or matte Ikonikolor Pro clear coats.

This product offers best in class flow-out, aesthetics, and brilliant effect in an endless color pallet.

Note: Clear Coat must be applied within 10 hours of the basecoat being applied at 70°F.

**Ikonikolor Pro Metallic and Pearl Base Coats are only compatible with single-part polyurethane or oil based coatings after Ikonikolor PRO 755 Express 1K Water-Based Primer has been applied.**

### TECHNICAL INFORMATION

**VEHICLE TYPE:** Acrylic polyurethane

**FINISH:** Matte

**COMPONENTS:** Two

**MIX RATIO:** 10:1

**SOLIDS BY WEIGHT:** 48 – 52% ± 4%

**COVERAGE:** Zero loss calculations

600 - 800 ft<sup>2</sup>/gal. @ 1 mil - Liquid

**VOC:** <500 grams/liter *for most colors*  
*other colors will vary slightly*

**FLASH POINT:** 113°F *(for white)*  
*other colors will vary slightly*

**APPLICATION METHOD:** Conventional spray equipment

**NUMBER OF COATS:** 2 minimum

**WET FILM THICKNESS:** 2 - 3 mils per coat

**DRY FILM THICKNESS:** 1.0 - 1.5 mils per coat

**APPLICATION TEMP:** 50°F Min / 90°F Max

**REDUCER:** Ikonikolor Pro Reducers

**REDUCER RATIO:** 70%

**VISCOACITY:** 16-18 Zahn #2

**GUN TIP SIZE:** 1.0-1.2mm

**AIR PRESSURE:** 25 - 35 psi

**CLEANER:** 1128 Ikonikolor Pro Standard Reducer

**POT LIFE:** 4 hours @75°F

**ASSOCIATED PRODUCTS:** AnchorTech® Adhesives and Sealants, Ikonikolor Pro Epoxy and Urethane Primers, 92 Bio Blue® Hull Surface Prep, Ikonikolor Pro Reducers and Solvents, **Ikonikolor Pro 951 Urethane Activator**

### Mixing Instructions:

1. Mix part acrylic base material well. All solids must be properly dispersed.
2. Mix 10 parts of A base and 1 part of B activator together at 10:1 mix ratio.
3. Reduce with Ikonikolor Pro Reducer 70% depending on weather and application conditions and mix well
4. Induct mixture for at least 5 minutes prior to applying



**APPLICATION INFORMATION:** This product may be applied via conventional or HVLP spray equipment. Do not apply in the late afternoon when working outdoors as the wet film may be adversely affected by changes in temperature and humidity. When working in cooler temperatures (below 65 F) be sure the air and surface temperatures will remain at or above 50°F for at least 8 hours after application. Do not apply paint materials to surfaces less than 5°F above dew point, or to surfaces warmer than 125°F.

**NOTE:** This product allowed to cure for 24 hours or longer must be sanded with 400 grit sandpaper for proper adhesion.

**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 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 Ikonikolor Pro 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 Primer to smooth the surface and provide a uniform base. Sand all surfaces to final 400 grit profile. Entire surface should be wiped down with Ikonikolor Pro Prep Solvent using the two-rag method prior to application of Ikonikolor base coat. First 2 coats should be thinned 70%. The final drop coat can be diluted 100%.

**NOTE:** Aged gelcoat must be primed due to porosity.

**2-PART PAINTED SURFACES:** The entire surface to be painted regardless of age must be thoroughly prepped with 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 Primer to smooth the surface and provide a uniform base. Sand all surfaces to final 400 grit profile. Entire surface should be wiped down with Ikonikolor Pro Prep Solvent using the two-rag method prior to application of base coat. First 2 coats should be thinned 70%. The final drop coat can be diluted 100%.

**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 or Ikonikolor PRO 755 Express 1K Water-Based Primer may be applied as a transition coat.**

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Gun	Air Pressure	Nozzle
Conventional Gravity Feed	25-35 psi	0.8-1.1 mm
Conventional Pressure Pot	6-8 psi (Pot) 25-35 psi (gun)	0.8-1.2 mm at 8-10 oz/min

Dry Times	Overcoat Time	Touch Dry	Tape	Light Service/ Polish
90 Degrees	15 mins	30 mins	6 hours	30 hours
75 Degrees	30 mins	60 mins	8 hours	36 hours
60 Degrees	60 mins	120 mins	16 hours	48 hours

Temperature (F)	55	60	65	70	75	80	85	90+
Fast Reducer 1129								
Standard Reducer 1128								
Slow Reducer 1127								