

# PC3 Solvent Based Polyurethane Anti-Graffiti Solid Color



## Description

PC3 Solvent Based Anti-Graffiti Solid Color is a low VOC, anti-graffiti system. Available in clear and colors in gloss, semi-gloss, satin, egg-shell and matte finishes, PC3 Solvent Based Anti-Graffiti Solid Color provides a long-lasting protective system that can be cleaned multiple times with commercially available graffiti removal solvents.

## Features & Benefits

- Aliphatic Polyurethane
- Reacted Siloxane Anti-Graffiti Top Coat
- Superior Graffiti Repelling Properties
- Easy Removal of Graffiti Applications
- Excellent Protection for Masonry, Wood, & Metal Substrates
- Field & Shop Applications
- Ultra Low VOC
- Superior Weathering & Durability
- Chemical Resistant
- LEED NC 2009 Compliant

## Color & Finish

Color	Finish
Clear	Gloss, Semi-Gloss, Satin, Eggshell, Matte
Black	Gloss, Satin, Flat, Satin
Silver Mist Metallic	Eggshell, Flat, Gloss, Semi-Gloss, Satin
Silver Frost Metallic	Gloss
Pewter	Gloss, Satin
Chrome Tint Metallic	Semi-Gloss, Satin
Platinum Metallic	Gloss, Semi-Gloss
Silver Surfer Metallic	Satin
Fleet White	Flat, Gloss
Glamour White	Flat
Shadow Beige	Flat
Bronze Metallic	Gloss, Satin
Wheat Metallic	Semi-Gloss, Satin
Oxford Brown	Flat, Satin
Treasure Gold Metallic	Gloss
Casino Gold Metallic	Gloss, Satin
Aged Copper Metallic	Gloss, Semi-Gloss
Inferno Maroon Metallic	Gloss

Viper Red	Gloss
Candy Apple Red Metallic	Gloss

## Surface Preparation

Best results are achieved when PC3 Solvent Based Anti-Graffiti Solid Color is applied over a two component primer such as Precision Coatings DTM 1300 High Build Primer. DTM 1300 High Build Primer is UV resistant primers for use under solid colors as well as metallic and iridescent colors which are translucent.

Steel – Clean the surface of all foreign material SSPC-SP1 followed by SSPC-SP2, SP3, SP6, SP7, SP11, SP14 or SP15.

Aluminum - Remove all contaminants per SSPC-SP1 and abrade using hand tool, power tool or SSPC-SP16 to obtain a profile equivalent to 220 grit sandpaper.

Galvanized Steel – Preparation shall meet ASTM D6386 – 10. Remove all contaminants per SSPC-SP1, check for the presence of chromates or other passivation treatments per SSPC-SP16. If passivation treatment exists, brush-off blast cleaning per SSPC-SP16 is required. Complete removal of chromates or other passivating treatments must be confirmed by testing (SSPC-SP16 or ASTM B 201) prior to coating application.

Concrete, Masonry, MDF, Drywall – Surface must be clean, dry and free of any dirt, dust, grease, oil, wax, mildew, disintegrated or chalky materials or other contaminants. PC3 Solvent Based Anti-Graffiti is not recommended for floors.

Previously Coated Surfaces - Surface must be clean, dry, and free of any dirt, dust, grease, oil, wax, mildew, disintegrated or chalky materials or other contaminants. Aged coatings should be abraded to achieve an acceptable profile to provide adequate adhesion for the primer and topcoat.

## Application For “Solid Colors” & “Metallic Colors”

**Environmental Conditions:** Air and surface temperature must be above 50° F and no more than 95° F. Surface temperature must be at least 5° F (3° C) above the dew point.

**Application:** Solid colors may be applied by spray, roller and brush application. Metallic colors should be applied by spray application only. Allow a 5 to 10 minute flash time between coats if spray applied. PC3 Solvent Based Anti-Graffiti should be applied to achieve a recommended dry film thickness between 1.0 to 3.0 mils. For detailed metallic and iridescent application instructions, see Precision Coatings’ Guidance: “Metallic and Iridescent Finishes.”

# PC3 Solvent Based Polyurethane Anti-Graffiti Solid Color



## Instructions - Mix Ratio

Stir or shake each container before mixing together. Mix thoroughly 3 parts PC3 Anti-Graffiti Solid Color with 1 part PC-03 Polyurethane Activator.

Reduction is not necessary. However, paint may be reduced up to 10% by volume using acetone or Precision Coatings 16050 VOC Exempt Reducer.

For faster cure times, add up to 8 oz of Precision Coatings 12030 Urethane Accelerator per activated gallon of topcoat. For fisheyes or other related surface defects, add 1 oz of Precision Coatings Fisheye Remover, #15000, per activated gallon of topcoat.

## Graffiti Removal

Graffiti may be removed with soap and warm water, commercially available removers such as Krud Kutter Graffiti Remover or acetone without damage to the clear coat finish.

## Spray Gun Set-Up & Pressure

Type	Fluid Tip	Spraying Pressure
Siphon Feed	1.4mm – 1.7mm	40-65-PSI
Gravity Feed	1.3mm – 1.4mm	40-65-PSI
HVLP Siphon	1.6mm – 1.8mm	max. 10 PSI @ the air cap
HVLP Gravity	1.3mm – 1.5mm	max. 10 PSI @ the air cap
Pressure Pot	1.1 mm- 1.3 mm	29 PSI - 58 PSI
Airless Spray	.011" - .015"	2500 PSI 100 mesh filter

## Dry Times

PC3 Solvent Based Anti-Graffiti Solid Color may be air dried or force dried

Dry Times @ 70°F (21°C) & 50% RH	
Dust Free	15 Minutes
Tack Free	3 Hours
Dry Time	24 Hours
Recoat	Maybe recoated with itself at any stage. Standing will become necessary after 24 hours.
Force Drying	30- Minute flash time / 140°F for 20 Allow a 10-min. cool down time

## Clean Up

Clean all spray equipment immediately after use. Acetone may be used to clean application equipment. Precision Coatings 17000 Gun Cleaner is a VOC exempt cleaner and is recommended for cleaning application equipment used to apply the PC3 system.

## Limitations

Protect installed coating from rain, freezing, and continuous high humidity until completely dry. Do not apply in freezing conditions or if rain is imminent. Do not apply if elevated levels of water vapor transmission may exist behind the coating following application. At water vapor transmission levels greater than 4 perms, blistering or bubbles may occur. Do not use below grade, on horizontal surfaces or in areas of ponding water.

Technical Data	
% Solids by Volume	34% as packaged, 38% as applied
COATINGS VOC (as packaged)	Less than 50 g/l (less water & exempt compounds)
COATING VOC (as applied)	Less than 50 g/l (less water & exempt compounds)
Components	PC3 (resin) 3 parts / PC-03 (cure) 1 part
Pot Life	3 hours @ 70° F, 21° C
Shelf Life	one year (unopened) when properly stored
Reducers	optional: use PCI's 16050 VOC Exempt Reducer
Flash Point	79° F, 26° C
Mix Ratio	3:1 (3 parts PC3: 1 part PC-03 Activator)
Recommended Dry Film	2.0 mils to 3.0 mils
Theoretical Coverage	609 – 203 sq ft at recommended DFT (no loss)

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