



PC6 Clear Coat

DESCRIPTION

Single component waterborne polyurethane dispersion
Interior and exterior surfaces
Field and shop application
Soap & Water Cleanup
Very Low Odor - Low VOC

Gloss, semi-gloss, satin, & eggshell
Excellent adhesion and chemical & abrasion resistance
No Isocyanates
LEED NC 2009 compliant

TECHNICAL DATA

% SOLIDS by volume	40%
COATING 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)
RESIN TYPE	urethane dispersion
COMPONENTS	single component
SHELF LIFE	one year (unopened)
FLASH POINT	144° F (62° C)
RECOMMENDED DRY FILM THICKNESS	1.0 mils to 3.0 mils DFT
THEORETICAL COVERAGE	641 – 213 sq ft at recommended DFT (no loss)

SURFACE PREPARATION

Generally, PC6 Clear Coat is designed to be applied over existing coated surfaces to enhance the depth of image or provide added coating protection.

Good painting practices require that before applying coatings a test or mock-up be performed to ensure that adhesion, appearance and color meet the expectations of the owner. Coating performance is proportional to the degree of surface preparation performed prior to priming the substrate. All surfaces must be clean, dry and free of oil, grease, dirt, salt deposits or other contamination. Recommended preparation is as follows:

Recently Coated Surfaces - Surface must be clean, dry, and free of any dirt, dust, grease, oil, wax, mildew, disintegrated or chalky materials or other contaminants and in sound condition. A test or mock-up should be performed to ensure adhesion and combability.

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 and in sound condition. A test or mock-up should be performed to ensure adhesion and combability.

Other Substrates and Surfaces: Check with the manufacturer prior to application.

PRECISION COATINGS

1940 E. Trafficway, Springfield, MO 65802
888.340.6780 or 417.862.5738 fax 417.862.8874
www.precisioncoatingsinc.com



PC6 Clear Coat

INSTRUCTIONS

Stir or shake thoroughly to ensure uniform mixture.

Reduction is not necessary. However, paint may be reduced up to 5% by volume using tap water.

APPLICATION

Environmental Conditions: Air and surface temperature must be above 50° Fahrenheit and no more than 90° Fahrenheit. Surface temperature must be at least 5°F (3°C) above the dew point

Application: Precision's PC6 Clear Coat should be applied by spray application. Allow a 5 to 10-minute flash time between coats if spray applied. PC6 Clear Coat should be applied to achieve a recommended dry film thickness between 1.0 to 3.0 mils. For additional application details, see Precision Coatings' Guidance: "Metallic and Iridescent Finishes."

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

Dry times @ 70°F (21°C) and 50% RH

Dust Free	15 minutes
Dry to Touch	1 hour
Dry Time	24 hours
Full Cure	14 days
Recoat	Unlimited - no recoat time necessary Sanding will become necessary after 24 hours.

CLEAN UP

Clean all tools and spray equipment immediately after use with soap and warm water. Acetone may be used as a final solvent rinse.

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 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.

Refer to Material Safety Data Sheet for proper handling or products listed in this bulletin.

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