

Technical Product Data



PRECISION EeZeClean Dry Erase Coating

PRECISION COATINGS

Description

Turns a smooth surface into a write & erase space with a dry erase marker
Available in white, clear, & solid colors
Standard Sheen: Gloss
Initially ready for use in 5 days
LEED NC 2009 compliant

Two component modified epoxy coating
Easily cleaned
Low VOC / Low Odor
Excellent chemical durability
Cures at ambient temperature
Interior / Exterior on appropriate substrates

USE

Precision EeZeClean converts paintable surfaces including walls, columns, panels, hallways and old chalk boards into creative writing / art spaces.

Ideal for offices, schools, hospitals, retail, government and hospitality

TECHNICAL DATA

% SOLIDS by volume	92% as applied
VOC as packaged (SCAQMD Rule 1113) *	max. 3 g/l (less water & exempt compounds)
VOC as applied (SCAQMD Rule 1113) *	max. 89 g/l (less water & exempt compounds) includes cure volatiles
COMPONENTS	Advanced Polymer Modified Epoxy Coating Resin 4 parts / Cure 1 part
POT LIFE	4 hours @ 70° F, 21° C
SHELF LIFE	one year (unopened)
REDUCERS	Not required
FLASH POINT	109° F, 42.8° C
MIX RATIO	4:1 (4 parts resin: 1 part activator)
RECOMMENDED DRY FILM THICKNESS	3-5 mils per coat (75-125 microns), 1 to 2 coats
THERORETICAL COVERAGE	401 – 240 sq ft at recommended DFT (theoretical)

*EU limit value for this product (cat A/j): 500 g/l (2010). This product contains max. 210 g/l VOC

SURFACE PREPARATION

Precision EeZeClean Dry Erase may be applied directly over properly prepared substrates (Level 5 smoothness is recommended) including steel, aluminum, galvanizing, concrete, masonry, ceramic tile, MDF, drywall and previously primed or coated surfaces. Good painting practices dictate that before applying this Precision product, a test be performed to ensure that the adhesion, appearance, and color are compatible with the substrate and meet the expectations of the owner.

Steel – Clean the surface of all foreign material SSPC-SP1 followed by SSPC-SP2, SP3, SP6, SP7, SP11, SP14 or SP15. Precision's 02150 Metal Conditioner may be used to clean and treat steel substrates to eliminate oil, soap film, grease, and flash rusting.

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.

Ceramic Tile – Tile surface and grout must be clean and dry. All wax, grease, silicone sealants and dirt must be removed from the surface. It is strongly recommended that a test application be completed on ceramic tile to ensure adhesion prior to commencement of full application of Precision EeZeClean Dry Erase.

Concrete, Masonry, Wood MDF, Drywall, FRP – Surface must be cured, clean, dry, and free of any dirt, dust, grease, oil, wax, mildew, disintegrated or chalky materials or other contaminants. For primed substrates, follow the surface preparation instructions and recoat times for the specific primer used.

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Previously Coated surfaces – Physically abrade existing coated surfaces thoroughly and completely with 220 grit or equivalent abrasive paper or scuff pad. Substrate must be clean and cured / dry prior to application of the Precision EeZeClean Dry Erase. For primed substrates, follow the surface preparation instructions and recoat times for the specific primer used.

Use & Maintenance – Use any standard dry erase marker. For best results, use Expo® Bold or low odor dry erase markers. For daily erasing and cleaning, use a clean, dry erase cotton cloth, eraser, or micro-fiber towel. Periodically use a clean damp cloth, dry erase cleaner or isopropyl alcohol.

INSTRUCTIONS – MIX RATIO

To optimize performance Precision Coatings recommends EeZeClean be applied over a smooth substrate such as a Level 5 wall finish. EeZeClean can be professionally sprayed to optimize finish smoothness. Stir or drill motor mix thoroughly to ensure uniform mixture. Mix 4 parts EeZeClean Dry Erase resin with 1 part EeZeClean Dry Erase cure. Additional reductions are not usually necessary, but if needed, use Precision's 16060 VOC Exempt Reducer.

APPLICATION

Recommended film thickness is 3.0 to 5.0 mils DFT. Surface temperatures must be at least 5° F (3° C) above the dew point for application.

Roller and Brush Application: For brush application, a natural bristle brush is recommended. For roller application, a ¼ to ½ inch nap, mohair or no-lint cover with a phenolic core is recommended. Foam roller application is not recommended.

Spray Application: Apply using 40-55 PSI at the gun for siphon and gravity feed spray guns, 10 PSI maximum at the air cap for HVLP spray guns. Apply 1-2 medium wet coats until desired coverage and flow is reached. Allow a 5 to 10-minute flash time between coats.

Spray Gun Set-Up & Pressure

<u>Type</u>	<u>Fluid Tip</u>	<u>Spraying Pressure</u>
Siphon Feed	1.4mm – 1.7mm	40-65-PSI
Gravity Feed	1.3mm – 1.4mm	40-65 PSI
HVLP Siphon	1.3mm – 1.5mm	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	Double Orifice 312 through 512 Fine Finish Tips (for clears and solid colors only)	

DRY TIMES

PACKAGING: Available in Quart & Gallon Kits

Dry times @ 70°F (21°C) and 50% RH

Tack Free	4 hours
Dry Time	24 hours
Recoat	Full recoat 24 hours
Write On/Wipe Off Same Day	After Five Days
Write On/Leave On	After 30 Days*

* Depending on length of time left on, additional cleaning may be required with a micro fiber cloth and a dry erase board cleaner.

CLEAN UP

Follow local, state and federal regulations. Clean all spray equipment immediately after use. Acetone may be used to clean spray equipment. PCI's 17000 Gun Cleaner is a VOC exempt cleaner and is recommended for cleaning application equipment used to apply the Precision EeZeClean Dry Erase. Refer to Material Safety Data Sheet for proper handling of products listed in this bulletin. Acetone may be used to clean application equipment immediately after use.

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