

PerformaSil® | 200

ANTI-GRAFFITI COATING

FEATURES & BENEFITS

- One-component silicone water-based elastomer
- Ultra-low VOCs
- Does not yellow, chalk, or fade
- Long-term non-sacrificial graffiti resistance
- Easy removal of spray paints, markers, and pens
- Long-term durable water proofing
- Breathable film protects against water infiltration

COMPOSITION

- 45 wt% polydimethylsiloxane rubber dispersion

APPLICATIONS

- Spray or brush application
- Aggregate panels
- Concrete, brick, or stucco
- EIFS and cement plaster
- Metal
- Previously painted surfaces
- Stone
- Wood

PRODUCT NAME

PerformaSil® 200
Anti-Graffiti Coating

PRODUCT CODE

JR-PA-200

MANUFACTURER

ICD High Performance
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TYPICAL PROPERTIES*

* These values provide general information and are not necessarily part of the product specification

<i>Property</i>	<i>Value</i>	<i>Unit of measure</i>	<i>Test Method</i>
Appearance	White liquid		
Volatile Organic Content	<25	g/L	EPA Method 24
Tensile strength	500	PSI	ASTM D412
Elongation	500	%	ASTM D412
Water Vapor Permeance	20	US Perm	ASTM E96
Water Vapor Transmission	5.8	g/(h·m ²)	ASTM E96
Air Permeance	<0.0002	cfm/ft ²	ASTM E2178
Accelerated Weathering	No blistering, chalking, gloss or color changes	10,000 hours	ASTM G154
Graffiti Removal	Cleanability 1	Graffiti completely removed with high-pressure cold-water wash	ASTM D7089
Graffiti Removal	Cleanability 8 (Isopropyl alcohol)	Polyurethane spray paint	ASTM D6578
Graffiti Removal	Cleanability 8 (Isopropyl alcohol)	Acrylic spray paint	ASTM D6578
Graffiti Removal	Cleanability 8 (Isopropyl alcohol)	Alkyd spray paint	ASTM D6578
Graffiti Removal	Cleanability 7 (MEK)	Ballpoint pen	ASTM D6578
Graffiti Removal	Cleanability 9 (detergent)	Water-based marker	ASTM D6578

DESCRIPTION

PerformaSil® 200 Anti-Graffiti Coating is a single component, water-based silicone elastomer that dries to form a tough, durable film which provides long-lasting graffiti and water protection.

It cures to form a breathable membrane that is impervious to water and protects surfaces from most graffiti tagging. Graffiti is easily removed with a power washer, scrub brush, or commercial graffiti cleaners.

SURFACE PREPARATION & APPLICATION

Prior to application all surfaces shall be structurally sound, clean, and dry, free from oils, dirt, debris, or minerals such as efflorescence, lime, and calcium. To ensure the surface is as clean as possible, wash with soap and water, rinse thoroughly, then allow to dry completely. This is especially important when applying over painted, stained, or wood surfaces.

Mix thoroughly before application. Avoid aggressive agitation that may produce excessive air generation or foaming.

Apply using a low-pressure airless spray equipment at a rate of approximately 75 sq ft per gallon. If using a brush, use enough material to create a sufficient film build to achieve a wet film thickness of 18-20 mils (450-500 microns). When spraying, apply in a cross hatched pattern to ensure complete coverage of the surface. Rough and/or porous surfaces may require a heavier application to ensure complete coverage.

Clean equipment with soap and water when finished.

Application Temperature: 5°C - 38°C (40°F - 100°F)

Relative Humidity: 90% maximum

Graffiti resistance is fully developed after a cure time of 7-14 days.

Test the product on a small area to ensure finish is satisfactory.

GRAFFITI REMOVAL

Remove graffiti with a power washer (maximum 2000 psi) and cold water. For difficult removal, use warm to hot water while power washing.

For delicate surfaces, use a soft bristle brush, soap, and water. Gently scrub the area until the tagging is removed. Rinse the surface with water afterwards.

For more difficult graffiti, a commercially available graffiti cleaner may be required. Follow the manufacturer's recommendations and use instructions.

PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

Use material in a well-ventilated area. Protect all other areas not to be coated from overspray.

PerformaSil® 200 Anti-Graffiti Coating should not be applied:

- When there is a threat of rain within the next 48 hours, or the relative humidity is in excess of 90% (such conditions would not permit complete drying)
- In temperatures below 5°C (40°F) or above 38°C (100°F)
- On asphaltic materials, or on tar-contaminated masonry

On newly applied or green cementitious materials – industry guidelines recommend at least 28 days cure before painting or coating such substrates

STORAGE

Product should be stored between 5°C and 35°C (41°F and 95°F). Container lids must be securely fastened at all times during storage.
Protect material from freezing.

SHELF LIFE

PermaSil® 200 Anti-Graffiti Coating has a shelf life of twelve (12) months from date of receipt at customer, provided the material is stored in sealed original containers at the recommended storage temperatures.

The manner in which you use and the purpose to which you put and utilize ICD High Performance Coatings + Chemistries products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond ICD's control. Therefore, it is imperative that you test ICD's products, technical assistance and information to determine your own satisfaction whether ICD's products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been conducted by ICD. Unless ICD otherwise agrees in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release ICD from all liability, in tort, contract or otherwise, incurred in connection with the use of ICD's products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind ICD. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

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