



Protective & Marine Coatings

ANTI-GRAFFITI COATING 1K SILOXANE

CLEAR

B97C00150

Revised: September 9, 2019

PRODUCT INFORMATION

9.54

PRODUCT DESCRIPTION

ANTI-GRAFFITI COATING is a one-component, non-sacrificial, ready-to-use siloxane coating that cures with atmospheric moisture. Intended for use over properly prepared concrete surface.

- Excellent graffiti resistance
- Excellent cleanability with either water power-washing, or solvent wipe
- Excellent UV resistance
- Excellent adhesion
- Fast drying
- Outstanding airless spray properties
- Single component

PRODUCT CHARACTERISTICS

Finish:	Semi-Gloss
Color:	Clear
Volume Solids:	72% ± 2%
Weight Solids:	75% ± 2%
VOC (EPA Method 24):	<250 g/l; 2.1 lb/gal

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	8.0 (200)	12.0 (300)
Dry Mils (microns)	6.0 (150)	9.0 (225)
~Coverage sq ft/gal (m ² /L)	128 (3)	192 (5)
Theoretical coverage sq ft/gal (m ² /L) @ 1 mil / 25 microns dft	1155 (28)	

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 10.0 mils wet (250 microns):

	@ 35°F/1.6°C	@ 77°F/25°C	@ 120°F/49°C
		50% RH	
To touch:	9 hours	1 hour	30 minutes
Tack Free:	12 hours	4 hours	1 hour
To cure:	21 days	7 days	4 days

Drying time is temperature, humidity, and film thickness dependent.

Shelf Life:	12 months, unopened Store indoors at 40°F (4.5°C) to 100°F (38°C)
Flash Point:	>100°F (38°C), TCC
Reducer:	Mineral Spirits - up to 5% as needed for spray application
Clean Up:	Mineral Spirits or Naphtha

RECOMMENDED USES

Use over interior or exterior concrete surface that needs protection from graffiti defacing.

- Bridge Abutments
- Commercial Buildings
- Schools
- Transit Stations
- Overpasses
- New Construction

PERFORMANCE CHARACTERISTICS

Performance:

1 ct. Anti-Graffiti Coating

Test Name	Test Method	Results
Adhesion	ASTM D6677	Passes, Rating 8
Cleanability level I*	ASTM D7089	Passed

*Graffiti remove with high pressure cold water wash

Passed 4000 hours of QUV / multi-graffiti application and removal
Gloss retention = 63%
Color change <3 delta E CIE *L a b
No signs of graffiti left after clean-up; no visible signs of streaking, cracking, pinholing, discoloration or other coating degradation upon casual examination



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RECOMMENDED SYSTEMS

		Dry Film Thickness / ct.	
		Mils	(Microns)
Concrete:			
1 ct	Anti-Graffiti Coating	6.0 - 9.0	150-225
Previously Painted Surface:			
1 ct	Anti-Graffiti Coating	6.0 - 9.0	150-225
Porous/Rough Concrete and Masonry			
Seal with			
1 ct	Anti-Graffiti Coating Reduced 10% with min. spirits		
1 ct	Anti-Graffiti Coating	6.0 - 9.0	150-225

The systems listed above are representative of the products use, other systems may be appropriate.

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material. Any paint that is peeling, flaking, cracking, blistering or lifting must be removed to ensure adequate adhesion.

If previously painted surface is in sound condition, clean surface of all foreign material. Smooth, hard or glossy coatings should be dulled by abrading the surface. Apply a test area, allowing to dry one week before testing adhesion. If adhesion is poor, or if this product attacks the previous finish, removal of the previous coating may be necessary.

For surfaces prepared by water jetting/blasting, the SSPC-Vis 4(1)/NACE No.7 standards for surface cleanliness should be followed.

The visual surface cleanliness must conform, at minimum, to SSSP-SP WJ4 (NACE WJ4) condition directly after water jetting/blasting.

Surface Preparation Standards				
Condition of Surface	ISO 8501-1 BS7079:A1	SSPC	NACE	
White Metal	Sa 3	SP 5	1	
Near White Metal	Sa 2.5	SP 10	2	
Commercial Blast	Sa 2	SP 6	3	
Brush-Off Blast	Sa 1	SP 7	4	
Hand Tool Cleaning	C St 2	SP 2	-	
Pitted & Rusty	D St 2	SP 2	-	
Rusty	C St 3	SP 3	-	
Power Tool Cleaning	Pitted & Rusty	D St 3	-	

TINTING

Do not tint.

APPLICATION CONDITIONS

Temperature: 40°F minimum, 120°F maximum (air, surface)
At least 5°F above dew point
50°F minimum for material

Relative Humidity: 30% minimum, 95% maximum

ORDERING INFORMATION

Packaging 1 gal and 5 gal

SAFETY PRECAUTIONS

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

DISCLAIMER

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APPLICATION BULLETIN

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Concrete and Masonry:

For surface preparation, refer to SSPC-SP13/NACE 6, or ICRI No. 310.2R, CSP 2-3. Surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners.

NOTE: Excessive pressure, insufficient distance from tip to surface, and prolonged washing can damage concrete and masonry surfaces.

Previously Painted:

If previously painted surface is in sound condition, clean surface of all foreign material. Smooth, hard or glossy coatings should be dulled by abrading the surface. Apply a test area, allowing to dry one week before testing adhesion. If adhesion is poor, or if this product attacks the previous finish, removal of the previous coating may be necessary.

APPLICATION CONDITIONS

Temperature: 40°F minimum, 120°F maximum
(air, surface)
At least 5°F above dew point
50°F minimum for material

Relative Humidity: 95% maximum

APPLICATION EQUIPMENT

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

Clean Up Mineral Spirits or Naphtha
Reducer Mineral Spirits - up to 5% as needed
for spray application

Airless Spray

Pressure.....3200 - 3600 psi
Hose3/8"
Tip013" - .017"
Filter60 mesh
Reduction.....Mineral Spirits – up to 5% as needed

Brush

Brush.....Natural Bristle
Reduction.....None required

Roller

Cover3/8"-1/2" woven with solvent resistant core
Reduction.....None required

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

If specific application equipment is not listed above, equivalent equipment may be substituted.

Surface Preparation Standards

Condition of Surface	ISO 8501-1 BS7079:A1	SSPC	NACE
White Metal	Sa 3	SP 5	1
Near White Metal	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	SP 7	4
Hand Tool Cleaning	Rusted C St 2	SP 2	-
Pitted & Rusted	D St 2	SP 2	-
Rusted	C St 3	SP 3	-
Power Tool Cleaning	Pitted & Rusted D St 3	SP 3	-



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APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mixing Instructions: Mix paint thoroughly to a uniform consistency with slow speed power agitation prior to use.

Apply paint at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	8.0 (200)	12.0 (300)
Dry Mils (microns)	6.0 (150)	9.0 (225)
~Coverage sq ft/gal (m ² /L)	128 (3)	192 (5)
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NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 10.0 mils wet (250 microns):

	@ 35°F/1.6°C	@ 77°F/25°C 50% RH	@ 120°F/49°C
To touch:	9 hours	1 hour	30 minutes
Tack Free:	12 hours	4 hours	1 hour
To cure:	21 days	7 days	4 days

Drying time is temperature, humidity, and film thickness dependent.

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with Mineral Spirits or Naphtha. Clean tools immediately after use with Mineral Spirits or Naphtha. After cleaning, flush spray equipment with Mineral Spirits or Naphtha to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using any solvent.

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PERFORMANCE TIPS

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

Excessive reduction of material can affect film build, appearance, adhesion, and performance.

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with Mineral Spirits or Naphtha.

Coating material is sensitive to water. Use water traps in all air lines. Moisture contact can induce curing and, hence, the plugging of the equipment. Re-seal open containers if prolong work stoppage occurs.

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.

To seal rough/porous concrete or masonry surfaces follow the recommended sealing guidance in the system recommendations section.

Graffiti Removal from Surface Coated with B97C00150:

Power wash with 3000-psi pressure washer (25 feet of hose) having a 15-degree tip at 2-3 inches away from the surface.

The use of graffiti removers or solvents may be necessary to avoid damage when trying to remove stubborn graffiti.

Refer to Product Information sheet for additional performance characteristics and properties.

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