Protective & Marine Coatings

2K WATERBASED ANTI-GRAFFITI COATING

PART A	B65-190	GLOSS SERIES
PART A	B65-195	SATIN SERIES
PART B	B65V190	GLOSS HARDENER
PART B	B65V195	SATIN HARDENER

Revised: August 28, 2025

PRODUCT INFORMATION

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PRODUCT DESCRIPTION

2K WATERBASED ANTI-GRAFFITI COATING is a two component, hydrophobic polyurethane that is <100g/L VOC. It provides excellent graffiti resistance, color and gloss retention.

- Low odor, <100g/L VOC
- Excellent anti-graffiti resistance
- Apply over multiple coating types
- Brush, roll or spray
- Excellent gloss retention
- Clear tint bases (B65T194, Gloss and B65T195, Satin) can be used as clear coats

PRODUCT CHARACTERISTICS

Finish: Gloss or Satin

Color: Clear (B65T194, Gloss and B65T195, Satin), White or a wide variety of colors

Mix Ratio: 3:1 by volume

Volume Solids: 51% ± 2%, theoretical

Weight Solids: 57% ± 2%, theoretical

VOC (EPA Method 24): <100 g/L; 0.85 lb/gal, may vary by color

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	**4.0** (100)	**8.0** (200)
Dry mils (microns)	**2.0** (50)	**4.0** (100)
~Coverage sq ft/gal (m^2/L)	**204** (5.0)	**408** (10.0)
Theoretical coverage **sq ft/gal** (m^2/L) @ 1 mil / 25 microns dft	**816** (20.0)	

Drying Schedule @ 3.0 mils wet (75 microns):

	@ 50°F/10°C	@ 77°F/25°C *50% RH*	@ 120°F/49°C
To touch:	6 hours	3 hours	34 minutes
To handle:	8 hours	6 hours	1 hour
To cure:	21 days	<19.5 hours	1.5 hours

Abrading required prior to recoating or topcoating.

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

Pot Life:	1.5 hours	1.5 hours	1 hour
Sweat-in-time:		None required	

Shelf Life:	Part A: 12 months, unopened Part B: 24 months, unopened Store indoors at 40°F (4.5°C) to 100°F (38°C).
Flash Point:	>230°F (110°C), PMCC, mixed
Clean Up:	Water
Reducer:	Reduce up to 5% with a 50/50 blend of R6K25 and Water. Solution must be premixed before incorporating.

RECOMMENDED USES

- For use over prepared interior or exterior surfaces requiring protection from graffiti defacing
- For use on:
  - Bridge Abutments
  - Schools
  - Overpasses
  - New Construction
  - Commercial Buildings
  - Transit Stations
  - Railcars
- As a non-sacrifical permanent anti-graffiti coating.
- Acceptable for use in high performance architectural applications.
- Suitable for use in USDA inspected facilities

PERFORMANCE CHARACTERISTICS

GRAFFITI RESISTANCE
ASTM D 6578-00

Marking Substance:	Recommended Cleaners:	Cleanability Levels:
Wax Crayon	Dry cotton cloth / Commercial aqueous detergent	1
Water Based Red Spray Paint	Dry cotton cloth / Citrus cleaner	1
Solvent Based Black Spray Paint	Citrus cleaner / Industrial cleaner	3
Solvent Based Perm. Blue Marker	Citrus cleaner / Industrial cleaner	3
Solvent Based Perm. Red Marker	Citrus cleaner / Industrial cleaner	3

cleanability levels 1-5 are defined as:

Level 1 Graffiti completely removed with dry cotton cloth.
Level 2 Graffiti completely removed with commercial aqueous detergent.
Level 3 Graffiti completely removed with citrus cleaner.
Level 4 Graffiti completely removed with industrial cleaner/Iso-propanol.
Level 5 Graffiti completely removed with MEK.

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1Kg load	42.2 mg loss
Accelerated Weathering QUV-A	ASTM D4587, 2,000 hours (White)	>80% gloss retention; <1.5 DE color change
Flexibility	ASTM D522, 180° bend, 1/4" mandrel	Pass
Fluid Resistance	ASTM D1308	Pass, Paint Thinner and Gasoline
Pencil Hardness	ASTM D3363	3H

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RECOMMENDED SYSTEMS

		Dry Film Thickness / ct. Mils	(Microns)
Steel:			
1 ct.	Pro Industrial Pro-Cryl Universal Primer	2.0-4.0	(50-100)
1 ct.	2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)
Steel:			
1 ct.	Pro Industrial Water Based Catalyzed Epoxy	2.0-5.0	(50-125)
1 ct.	2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)
Steel:			
1 ct.	Macropoxy 646	5.0-10.0	(125-250)
1 ct.	2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)
Steel:			
1 ct.	Macropoxy 646	5.0-10.0	(125-250)
1 ct.	Acrolon 218 HS	3.0-6.0	(75-150)
1 ct.	2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)
Concrete/Masonry, rough surface:			
1 ct.	Cement-Plex 875	13.0-25.0	(325-625)
1 ct.	2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)

Other acceptable surfacers are:

Pro Industrial Heavy Duty Block Filler
Kem Cati-Coat HS Epoxy Filler/Sealer

Concrete, smooth:			
1 ct.	Pro Industrial Water Based Catalyzed Epoxy	2.0-5.0	(50-125)
1 ct.	2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)
Concrete, smooth:			
1 ct.	Macropoxy 646	3.0-10.0	(75-250)
1 ct.	Acrolon 218 HS	3.0-6.0	(75-150)
1 ct.	2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)
Concrete, smooth:			
1 ct.	DOT Bridge & Highway Sealer 100	2.0-4.0	(50-100)
1 ct.	2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)

The systems listed above are representative of the product's use, other systems may be appropriate.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Do not use hydrocarbon solvents for cleaning.

Refer to product Application Bulletin for detailed surface preparation information.

Refer to data page of the coating to be topcoated.

Surface Preparation Standards

Condition of Surface		ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal		Sa 3	Sa 3	SP 5	1
Near White Metal		Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast		Sa 2	Sa 2	SP 6	3
Brush-Off Blast		Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	Rusted	C St 2	C St 2	SP 2	-
	Pitted & Rusted	D St 2	D St 2	SP 2	-
Power Tool Cleaning	Rusted	C St 3	C St 3	SP 3	-
	Pitted & Rusted	D St 3	D St 3	SP 3	-

TINTING

Tint part A with CCE. Tint at 75% strength formula.

GRAFFITI REMOVAL INSTRUCTIONS

Apply graffiti removal material liberally to surface using brush and/or roller. Allow to dwell on surface 5 – 30 mins. Do not allow to dry on surface. Pressure wash utilizing maximum 3000 PSI clean water. Generally pressures of 1000 PSI – 2000 PSI are adequate. However this varies with type of graffiti. Care must be taken to not damage coating system.During dwell cycle agitation of surface with nylon type scrub brush may be required. Repeat as needed. At conclusion of removal rinse surface completely with clean water at low pressure.

APPLICATION CONDITIONS

Temperature: 50°F (10°C) minimum, 120°F (49°C) maximum (air, surface, and material)
At least 5°F (2.8°C) above dew point
Relative humidity: 85% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging:
Part A: 3/4 gallon in 1 gallon container, 3 gallons in 5 gallon container
Part B: 1 quart, 1 gallon

Weight: 9.2 ± 0.2 lb/gl

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.

WARRANTY

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.

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APPLICATION BULLETIN

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SURFACE PREPARATIONS

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Do not use hydrocarbon solvents for cleaning.

Iron & Steel
Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1 (recommended preparation is Steam Cleaning). For better performance, use Commercial Blast Cleaning per SSPC-SP6/NACE 3, blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils / 50 microns). Prime any bare steel within 8 hours or before flash rusting occurs. Primer required.

Masonry and Block
For surface preparation, refer to SSPC-SP13/NACE 6, or ICRI 310.2R, CSP 1-3. 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. Fill bug holes, air pockets and other voids with Cement-Plex 875. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Laitance must be removed.

Previously Painted Surfaces
If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint 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. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above.

Surface Preparation Standards

	Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal		Sa 3	Sa 3	SP 5	1
Near White Metal		Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast		Sa 2	Sa 2	SP 6	3
Brush-Off Blast		Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	Rusted	C St 2	C St 2	SP 2	-
	Pitted & Rusted	D St 2	D St 2	SP 2	-
Power Tool Cleaning	Rusted	C St 3	C St 3	SP 3	-
	Pitted & Rusted	D St 3	D St 3	SP 3	-

APPLICATION CONDITIONS

Temperature:	50°F (10°C) minimum, 120°F (49°C) maximum (air, surface, and material) At least 5°F (2.8°C) above dew point
Relative humidity:	85% 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 compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean Up: .....Water
Reducer: .....Reduce up to 5% with a 50/50 blend of R6K25 and Water. Solution must be premixed before incorporating.

Airless Spray
Pressure.....2700-3000 psi
Hose.....1/4" ID
Tip .....013"-.017"
Filter .....60 mesh
Reduction.....As needed up to 5% by volume

Conventional Spray
Gun .....DeVilbiss JGA
Fluid Nozzle .....E
Air Nozzle.....765
Atomization Pressure.....45-55 psi
Fluid Pressure.....10-20 psi
Reduction.....As needed up to 5% by volume

Brush
Brush.....Nylon/polyester natural bristle
Reduction.....As needed up to 5% by volume

Roller
Cover .....1/4"-3/8" woven solvent resistant core
Reduction.....As needed up to 5% by volume

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

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APPLICATION BULLETIN

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APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mix contents of each component thoroughly using low speed power agitation. Make certain no pigment remains on the bottom of the can. Exercise caution not to whip air into the materials. Then combine three parts by volume of Part A with one part by volume of Part B. Thoroughly agitate the mixture with low speed power agitation. Re-stir before using. No sweat-in-time is required.

If reducer is used, add only after both components have been thoroughly mixed.

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

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	**4.0** (100)	**8.0** (200)
Dry mils (microns)	**2.0** (50)	**4.0** (100)
~Coverage sq ft/gal (m^2/L)	**204** (5.0)	**408** (10.0)
Theoretical coverage **sq ft/gal** (m^2/L) @ 1 mil / 25 microns dft	**816** (20.0)	

Drying Schedule @ 3.0 mils wet (75 microns):

	@ 50°F/10°C	@ 77°F/25°C *50% RH*	@ 120°F/49°C
To touch:	6 hours	3 hours	34 minutes
To handle:	8 hours	6 hours	1 hour
To cure:	21 days	<19.5 hours	1.5 hours
Abrading required prior to recoating or topcoating.			
Drying time is temperature, humidity, and film thickness dependent.			
Pot Life:	1.5 hours	1.5 hours	1 hour
Sweat-in-time:		None required	

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 soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with Mineral Spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using Mineral Spirits.

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PERFORMANCE TIPS

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.

Do not use hydrocarbon solvents for cleaning.

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

Allow to dry one week before checking adhesion.

Application of a clear coating may change the color apperance of the base coat. Apply a test patch prior to coating entire project.

Abrading required prior to recoating or topcoating.

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

SAFETY PRECAUTIONS

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