



Protective & Marine Coatings

CONCRETE TEXTURE COATING

B97-150 SERIES (FINE): B97W155 WHITE ; B97T154 ULTRADEEP BASE
B97-160 SERIES (SMOOTH): B97W160 WHITE ; B97T164 ULTRADEEP BASE
B97-170 SERIES (MEDIUM): B97W170 WHITE

Revised: March 13, 2024

PRODUCT INFORMATION

PRODUCT DESCRIPTION

CONCRETE TEXTURE COATING is a high build, 100% acrylic latex coating formulated to seal, decorate and protect new or existing concrete. This alkaline resistant coating can be applied to newly cured concrete that maintains pH levels less than, or equal to 13. It is specified on Tilt-Up Construction panels where a one coat textured system is preferred. Concrete Texture Coating is available in smooth, fine, and medium textures and can be applied, after power washing in a one coat or two coat system.

- Shall provide a 600 µm (# 30) sieve with a texture size ranging from 150 to 500 microns, with a median size of 300 microns.

PRODUCT CHARACTERISTICS

SMOOTH

Theoretical Coverage: 740 (sq ft/gal per dry mil)
45-100 sq ft/gal*
Gloss: Low
Weight per Gallon: 11.84 ± 0.3 lbs.
Weight Solids: 62 ± 2%
Volume Solids: 46 ± 2%
VOC as supplied: 1.43 lbs/gal - 171 g/L
OTC Compliant
Flash Point: N/A

FINE

Theoretical Coverage: 810 (sq ft/gal per dry mil)
45-75 sq ft/gal*
Gloss: Low
Weight per Gallon: 9.96 ± 0.3 lbs.
Weight Solids: 58 ± 2%
Volume Solids: 50 ± 2%
VOC as supplied: 1.51 lbs/gal - 181 g/L
OTC Compliant
Flash Point: N/A

MEDIUM

Theoretical Coverage: 840 (sq ft/gal per dry mil)
45-75 sq ft/gal*
Gloss: Low
Weight per Gallon: 10.45 ± 0.3 lbs.
Weight Solids: 62 ± 2%
Volume Solids: 52 ± 2%
VOC as supplied: 1.47 Lbs/gal - 177 g/L
OTC Compliant
Flash Point: N/A

Shelf Life: 36 months

*Spread rate is dependent on substrate and texture. Coverage rates are stated as a total system thickness and may be achieved by applying 2 coats or 1 coat of the material.

RECOMMENDED USES

- For use over prepared
- Concrete and masonry surfaces
 - Poured or pre-cast concrete
 - Concrete masonry block
 - Concrete barriers
 - Bridges
 - Slope paving

PERFORMANCE CHARACTERISTICS

Resistance to Wind Driven Rain:

(According to TT-C-555B, sec. 3.3.3.): Pass
No penetration of water

(ASTM D6904): Pass; Weight Gain - 0.125 lbs / Visible Leaks - none / Rear Face Dampness - none

Moisture Resistance (According to Fed. Test Method Std. No. 141, Method 2051, procedure B): No loss of adhesion, discoloration, blistering, cracking or flaking

Moisture Vapor Permeability

(According to TT-C-555B, sec. 4.4.8.): 9 perms
(exceeds minimum requirements of 0.4 perms)

Salt Spray (Fog) (ASTM B117-85): 2000 hours exposure passed

Flexibility (ASTM D1737): passes 1" mandrel bend

Impact Resistance (ASTM D2794): passes at 30 in pounds direct

Mildew Resistance (TT-P-29 Fed Std 141, method 6152 and method 6271.1): passes 7 day and 21 day test

Adhesion to Concrete: Excellent compared to conventional coatings Passes

Freeze/Thaw Resistance: Passed 50 cycles with no cracking, flaking, blistering or any other visual defects.

(AASHTO R-31, Section 8, Test No. 6): Pass; No blisters, cracks or loss of adhesion or other visual defects

Accelerated Weathering (ASTM G-155): Passed 5000 hours with no cracking, flaking, blistering or any other visual defects.

Fungus Resistance (According to TT-P-29k - ASTM D3274): Passed - rating of 10; no biological growth after 4 weeks.

Abrasion Resistance (In accordance with Federal Test Method 141a-6191ASTM D968): Passed 3000 liters of falling sand with no wear-through to the substrate.

Cyclic Weathering (AASHTO R-31/ASTM D5894, 5040 hours): Pass; No blisters, cracks or loss of adhesion or other visual defects



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PRODUCT INFORMATION

RECOMMENDED SYSTEMS

ONE COAT SYSTEM

Concrete Texture Coating in either Smooth, Fine, or Medium may be used as a one coat system on properly prepared new tilt-up, precast concrete or stucco surfaces. When applied as a one coat system (for best results) apply at the full coverage rate.

In any one coat application, guard against over application of the single coat. To ensure best hide and film build qualities, a two coat system is recommended. When applied as a two coat system (for best results) the full coverage rate should be achieved in two coats.

TWO COAT SYSTEM

TILT-UP CONCRETE PANELS, STUCCO, PRECAST CONCRETE (non-chalky):

1st Coat: Loxon Acrylic Primer
 2nd Coat: Concrete Texture Coating - Smooth, Fine, or Medium

or

1st Coat: Concrete Texture Coating - Smooth, Fine, or Medium
 2nd Coat: Concrete Texture Coating - Smooth, Fine, or Medium

CMU:

1st Coat: Loxon Acrylic Primer
 2nd Coat: Concrete Texture Coating - Smooth, Fine, or Medium

or

1st Coat: Concrete Texture Coating - Smooth, Fine, or Medium
 2nd Coat: Concrete Texture Coating - Smooth, Fine, or Medium

STUCCO, PRECAST CONCRETE (chalky):

1st Coat: Loxon Acrylic Primer
 2nd Coat: Concrete Texture Coating - Smooth, Fine, or Medium

or

1st Coat: Concrete Texture Coating - Smooth, Fine, Medium or Coarse
 2nd Coat: Concrete Texture Coating - Smooth, Fine, or Medium

PREVIOUSLY PAINTED SURFACES:

Prime with Loxon Acrylic Primer or Conditioner and finish with one or two coats of Concrete Coating - Smooth, Fine, or Medium.

or

1st Coat: Concrete Texture Coating - Smooth, Fine, or Medium
 2nd Coat: Concrete Texture Coating - Smooth, Fine, or Medium

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. Refer to product Application Bulletin for detailed surface preparation information.

Minimum recommended surface preparation:

Concrete & Masonry: Clean, dry and sound

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	OC St 2	OC St 2	SP 2	-
Pitted & Rusted	DC St 2	DC St 2	SP 2	-
Rusted	CS St 3	CS St 3	SP 3	-
Power Tool Cleaning	DC St 3	DC St 3	SP 3	-

TINTING

Use CCE colorants up to 4 oz. per gallon for White, and up to 8 oz. per gallon for Ultra Deep Base.

APPLICATION CONDITIONS

Temperature: 40°F minimum, 100°F maximum
 (air, surface, and material)
 At least 5°F above dew point

Relative humidity: 85% maximum

Refer to product Application Bulletin for detailed application information.

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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Revised: March 13, 2024

APPLICATION BULLETIN

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.

Masonry and Concrete*

For surface preparation, refer to SSPC-SP13/NACE 6. Surfaces should be thoroughly clean and dry. Preferred concrete cure is 28 days at 75°F. 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 a cement patching compound. 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 by etching with a 10% muriatic acid solution and thoroughly neutralized with water.

Poured Concrete, New*

All surface must be clean, dry, sound and offer sufficient profile to achieve adequate adhesion. Preferred concrete cure is 28 days at 75°F. Remove all form release agents, curing compounds, salts, efflorescence, laitance, mildew and other foreign matter by suitable means. On tilt-up and poured-in-place concrete, commercial detergents and abrasive blasting may be necessary to remove sealers, release compounds, and to provide an anchor pattern. Allow the surface to dry thoroughly prior to coating. Test the concrete after preparation by spraying it with water. If the water soaks into the wall, the wall is ready for coating after the water dries. If the water beads up, the surface requires more surface preparation prior to application of the coating.

Poured Concrete, Old

Surface preparation is done in much the same manner as new concrete; however, if the concrete is contaminated with oils, grease, chemicals, etc., they must be removed by cleaning with a strong detergent. Refer to ASTM D4258. Form release agents, hardeners, etc. must be removed by sand-blasting, shot blasting, mechanical scarification, or water blasting at a minimum of 3000 psi and 3 gallons per minute flow rate, or other suitable means. If surface deterioration presents an acceptable rough surface, Heavy Duty Block Filler is recommended to patch and resurface damaged concrete.

*Force-cured concrete may be coated earlier than 28 days if the pH is less than or equal to 13. Consult your Sherwin-Williams representative for additional details.

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	C St 2	C St 2	SP 2	-
Pitted & Rusted	D St 2	D St 2	SP 2	-
Rusted	C St 3	C St 3	SP 3	-
Power Tool Cleaning	Pitted & Rusted	D St 3	D St 3	SP 3

APPLICATION CONDITIONS

Temperature: 40°F minimum, 100°F maximum
(air, surface, and material)
At least 5°F 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.

Air Spray:

Fine: Graco 1030 Texspray, 80 psi regulator, #2 air cap, 1/4" tip.

Medium: Graco 1030 Texspray, 80 psi regulator, #2 aircap, 1/4" tip.

Airless Spray: Smooth: Graco 1095 Electric Airless, 527tip.

Brush (small areas only):

Brush: Natural Bristle

If specific application equipment is listed above, equivalent equipment may be substituted.



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APPLICATION PROCEDURES

Apply smooth texture by roller, air spray or airless spray. Then lay off in one direction while the coating is still workable making sure the roller remains wet. The texture can be enhanced by allowing the coating to set for a short time before laying off. To assure a continuous film, smooth texture must be applied at the recommended spread rate working into all pores, voids and hairline cracks.

Fine and Medium must be air spray applied.

Recommended Spread Rate:

45 - 100 sq. ft. per gallon*

*Spread rate is dependent on substrate and texture. Coverage rates are stated as a total system thickness and may be achieved by applying 2 coats or 1 coat of the material.

Drying Schedule @ 50% RH:

	@ 35°F	@ 77°F	@ 100°F
To touch:	1.25 hours	1 hour	45 minutes
To handle:	1.5 hours	1.25 hours	1 hour
To recoat:	6 hours	5 hours	4 hours

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

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.

NOTE: If coating is allowed to "set-up", Reducer #54, R7K54, may be required for cleaning. Follow manufacturer's safety recommendations when using Reducer #54.

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PERFORMANCE TIPS

- Intermix multiple cans of custom color. Always test apply a small area to verify color.
- Do not use below grade or under water.
- Do not apply if air or surface temperature is below 40°F or in wet, threatening weather, or if humidity exceeds 85%. Keep paint from freezing.
- In hot, dry weather dampen surface before painting to prevent Concrete Texture Coating from drying too quickly over new or unpainted masonry.
- After paint is dry, if "touch-up" is necessary, use the same tool (roller, spray) and paint as in first application.
- Read label directions, warnings and cautions before using.

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