



**SHERWIN
WILLIAMS.**



104.10

ULTRACRETE

SOLVENT BORNE

SMOOTH & TEXTURED

MASONRY COATING

B46 SERIES

As of 09/22/08, Complies with:			
OTC	Yes	LEED® Civ2.0	N/A
SCAQMD	No	LEED® NCv2.2	N/A
CARB	Yes	LEED® CSv2.0	N/A
MPI Spec #	No	LEED® H	N/A
NAHB	N/A		

CHARACTERISTICS

UltraCrete Solvent Borne Texture Coating is a waterproof sealer designed for use on new construction tilt-up, precast, and poured-in-place concrete to improve the aesthetics of large commercial buildings.

UltraCrete Solvent Borne Texture Coating is available as a Smooth finish or in Fine, Medium, and Extra Coarse Textures.

UltraCrete Solvent Borne Texture Coating may be applied in a wide temperature range and has a tolerance for marginal surface preparation (e.g. incomplete bond breakers removal, damp concrete, minor dirt and grit on the surface).

Physical Properties:

- Waterproofing sealer
- Excellent resistance to efflorescence
- Excellent acid and alkali resistance
- Excellent durability
- Excellent resistance to ultraviolet light
- Excellent resistance to staining

Wind-Driven Rain Test Passes
ASTM D6904-03

2 cts UltraCrete Smooth at 10-16 mils dft

Water Vapor Permeance 3.43 perms
Based on ASTM D1653

2 cts UltraCrete Smooth at 10-16 mils dft

Advantages:

- Apply directly to fresh concrete (less than 28 days old)
- Can be applied over high pH (up to 13) substrates
- Covers most surface defects
- Provides uniform color and texture
- One-coat, ready-mixed application
- No primer required
- May be applied down to 20°F

Samples of all the textures can be found in the Texture Coatings Sample Book

SPECIFICATIONS

Color: Most colors

1 coat system, spray applied, coverage per coat:

Textured 50-80 sq ft/gal
Smooth 100-160 sq ft/gal

Coverage will vary with the substrate and the texture.

Drying Time, @ 77°F, 50% RH:

	77°F	20°F
Touch:	1 - 2 hrs	4-6 hrs
Recoat:	16 hrs	24-48 hrs

At 20°F, wait a minimum of 24 hours and check to be sure the surface is tack free. If tack free, apply the second coat. If the film is still soft or if there is still an odor of mineral spirits, wait another 24 hours for the remainder of solvent to evaporate.

Drying time is temperature, humidity, and film thickness dependent, and the amount of wind and precipitation will also affect the dry and recoat times of the film, so checking for hardness is mandatory.

Flash Point: 111°F, PMCC
Finish: 0-5 units @ 85°

Tinting with Blend-A-Color:

Base	oz/gal	Strength
Extra White	0-5	100%
Deep Base	4-12	100%

Vehicle Type: Styrenated Acrylic

VOC (less exempt solvents):
<400 g/L; <3.4 lb/gal

	Weight Solids	Volume Solids	Weight per gal
Fine	72%	50%	11.9
Medium	70%	50%	11.2
Extra Coarse	69%	50%	10.6
Smooth	70%	50%	11.2

OTC Compliant

Concrete, Stucco, CMU, Split-face Block

2 cts. UltraCrete Solvent Borne Smooth or
1 ct. UltraCrete Solvent Borne Smooth
1 ct. UltraCrete Solvent Borne Textured

Previously Coated

1 ct. UltraCrete Solvent Borne Smooth or Textured

A minimum total dry film thickness of 10-16 mils of topcoat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer.

Concrete, Stucco

If needed, pressure clean with a minimum of 2100 psi to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, peeling and defective coatings, chalk, form release agents, moisture curing membranes, etc. Remove all mildew. Allow the surface to dry thoroughly. Scrape and sand existing peeled or checked paint to a sound surface. Sand glossy surfaces dull. Concrete and mortar must be cured at least 7 days at 75°F. On tilt-up and poured-in-place concrete, commercial detergents and sandblasting may be necessary to remove sealers, release compounds, and to provide an anchor pattern. Fill bugholes, air pockets, cracks, and other voids with ConSeal™ Sealant or Patch.

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SURFACE PREPARATION

Expansion Joints

The sealants used in expansion joints must be cured according to the manufacturer's recommendations before painting.

Consult the manufacturer for specific surface preparation and coating recommendations.

Depending on the size of the expansion joint, with normal movement, some cracking of the UltraCrete Solvent Borne may occur.

To improve the performance:

- Use caution when preparing the substrate to create a uniform surface.
- Cracks, crevices, and through-wall openings must be patched using ConSeal Sealant or Patch.
- Fill voids and openings around window and doors using ConSeal Sealant or Patch.

The substrate and its condition will determine the application procedure. Considerations to minimize pinholes:

- 2 coat application with overnight drying between coats
- For a 2 coat textured system, the first coat should be Solvent Borne Masonry Coating-Smooth, and then one coat of the Solvent Borne Masonry Coating in the desired texture.
- Appropriate pump selection

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with mineral spirits. Follow manufacturer's safety recommendations when using mineral spirits.

APPLICATION

No reduction necessary at temperatures above 50°F.

At temperatures between 20° and 50°F, 5% to 10% reduction with 100 Flash Aromatic Naphtha ONLY. Do not exceed 10%

FOR SMOOTH FINISH:

Brush

Use a natural bristle brush

Roller

Use a ½" - 1-½" nap synthetic cover

Airless Spray

Unit Graco GMax 5900HD TexSpray

Pressure 3000 psi

Tip021" - .031" RAC X

Hose maximum length 100 feet

FINE, MEDIUM, AND EXTRA COARSE

Brush, small areas only

Use a natural bristle brush.

Spray unit must be specifically designed for aggregate coatings.

Unit: Graco Texspray GM1030FC

Min. Compressor Size.....8hp @ 100psi

Fine Texture

Engine Idle Low

Flow Control Low

4mm Nozzle

1/8" Texture Spray Disk

Medium Texture

Engine Idle Medium

Flow Control Medium

6mm Nozzle

1/4" Texture Spray Disk

Extra Coarse Texture

Engine Idle High

Flow Control High

10mm Nozzle

3/8" Texture Spray Disk

CAUTIONS

For exterior use only.

Non-photochemically reactive.

Do not use in areas subject to wear, the texturing material may wear off of the surface.

Not for use on horizontal surfaces (floors, roofs, decks, etc.) where water will collect.

Not for use on overhead horizontal surfaces (under sides of balconies, soffits, etc.)

Label Cautions

CAUTION contains ALIPHATIC HYDROCARBONS. Contents are COMBUSTIBLE. Keep away from heat and open flame. VAPOR HARMFUL. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVER-EXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. HOTW 09/22/2008 B46W00810 05 00

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 Sheet.