



PRODUCT PROFILE

DESCRIPTION

The **WASH-GUARD® COOLWALL® System** is a waterborne, smooth finish high-performance coating system specifically designed to withstand the harsh conditions of commercial carwashes. This is a three-coat, high-build, concrete coating system offering the ultimate in protection from water, soaps, acids, alkali, oil, grease, and salt spray. The WASH-GUARD™ coating system uses the patented heat-reflective and fade-resistant technology only offered through TEX-COTE®. The recommended system is comprised of WASH-GUARD™ CLASSIC or TEX-BOND™ PRIMER as the base-coat, WASH-GUARD™ COOLWALL® SUPER-COTE™ heat-reflective finish as the intermediate coat, and WASH-GUARD™ CLEAR-GARD as the final coat.

FEATURES

- May Be Used On Interior Or Exterior Surfaces
- High-Performance Water-Based
- Mildew, Fungus, & Algae Resistance Means Less Maintenance
- Resistant To Water, Chemicals, & Stains
- Long-Lasting Durability
- Resistant To Ultraviolet Light

BENEFITS

- Long-Lasting Colors
- Long-Term Protection
- Heat-Reflective
- Easy To Clean

RECOMMENDED PRIMERS/SUBSTRATES

Concrete, CMU Block Construction, Tilt-Up/Precast Concrete, Cement Fiberboard, Brick, PVC Panels, Tile, and Other Manufacturer-Approved Substrates

PRODUCT APPLICATION

APPLICATION EQUIPMENT

The WASHGUARD™ COOLWALL® system can be applied by brush, roller, or commercial grade airless sprayer.

GENERAL/SURFACE PREPARATION

New concrete should cure a minimum of 30 days prior to applying this coating system. All loose, flaking or oxidized paint should be removed. **Excessive layers of existing coating may require abrasive-blasting, water-blasting, scraping or wire brushing to remove.**

The WASH-GUARD™ System can be applied over latex paints that are in good condition, but it is not recommended over existing epoxy or alkyd coatings. The coating type can be tested using the solvent Xylene. Saturate the tip of a cloth with Xylene and rub the painted surface several times. If the coating comes off on the rag, it is latex and ok to coat.

Large cracks, holes and voids greater than 1/8 "in substrate must be filled with an appropriate cement-patching compound. Cracks less than 1/8 " in substrate should be filled with TEX-COTE® FLEX-PATCH®. **Ensure that all cracks, crevices, openings and voids including areas around vacuum or other units bolted or attached to surface be filled or patched, prior to application of this system. All surfaces must be sound, clean and dry prior to coating and moisture content should not exceed 50%, otherwise blushing or whitening of the final film may occur.** Contaminants such as dust, dirt, mildew, form oils, loose substrate, etc., should be removed prior to coating.

WASH-GUARD™ PRIMER

WASH-GUARD™ PRIMER should be applied as a primer and sealer for new concrete surfaces that have cured a minimum of 30 days. Concrete may be damp, but not saturated as blushing or whitening of the final CLEAR-GARD may occur. Apply at a total rate of 80-100 square feet per gallon or 16-20 mils wet, working the material into the pores of the surface so that it is completely sealed. This should be a pinhole-free film. The primer should be coated within two weeks, otherwise repriming will be necessary.

DRYING/CURING TIMES

- **To Touch:** One (1) to Two (2) Hours
- **Recoat:** Four (4) to Six (6) Hours Dependent on Temperature and Humidity

WASH-GUARD™ TEX-BOND™ PRIMER

TEX-BOND™ Primer should be used in place of WASH-GUARD™ Primer on surfaces other than masonry including PVC, vinyl, and ceramic tile. Apply at a total rate of 350-400 square feet per gallon either by roller or airless spray. Make sure that all surfaces are free from contaminants prior to priming. For ultra-slick surfaces such as glazed ceramic tile, adhesion testing should be performed: Apply a small, 6" x 6" area of TEX-BOND™ Primer to the surface and allow 24 hours to cure. Using a utility knife, cut an X into the dried primer, then press masking tape firmly on to the cut section and quickly remove tape. Examine for any signs of primer delamination.

DRYING/CURING TIMES

- **To Touch:** One (1) to Two (2) Hours
- **Recoat:** Four (4) to Six (6) Hours Dependent on Temperature and Humidity

PRODUCT APPLICATION

WASH-GUARD™
COOLWALL® SUPER-COTE™
Heat-Reflective Finish

WASH-GUARD™ COOLWALL® SUPER-COTE™ should be applied as an intermediate coating at 175-225 square feet per gallon or 7-9 mils wet, maintaining a wet edge at all times. Some deep tone colors may require additional coats to achieve a uniform appearance. A wet edge should be maintained during spraying, brushing or rolling at all times. To prevent lap marks, avoid starting and stopping midway on walls, and continue to a “natural break ” such as a corner. On large areas, two (2) people spraying simultaneously are recommended to avoid lap marks and spray patterns. If rolling, apply a fully loaded roller in vertical strokes initially, then cross roll for even film, ending with vertical strokes.

DRYING/CURING TIMES

- **To Touch:** One (1) to Two (2) Hours
- **Recoat:** Four (4) to Six (6) Hours Dependent on Temperature and Humidity

WASH-GUARD™
CLEAR-GARD:

WASH-GUARD™ CLEAR-GARD should be applied as a two-coat system at a rate of 350-400 square feet per gallon per coat (allowing adequate cure between coats). This is a 2-component coating, and therefore Part-A and Part-B must be mixed thoroughly with the help of a mixing blade and drill just prior to application. Begin mixing Part-A with drill, and slowly add Part-B, keeping a good vortex the entire time. Continue mixing for 2-3 minutes. **Once mixed, the material must be applied within two hours. Apply by rolling the material evenly with a 1/2” nap quality roller cover, then back roll to force material into any voids and to achieve a pinhole-free, protective film. Two coats are recommended for best performance and adequate protection.**

NOTE: Excessive film thickness will cause cloudy films and may not allow proper cure! Clean wet material and tools with water immediately after use. Due to the nature of this material, it is extremely difficult to remove or clean once dry.

DRYING/CURING TIMES

- **To Touch & Recoat:** 24 Hours at 70°F / 50% RH
- **Pot Life, Once Mixed:** ~ Two (2) Hours
- **Dry Hard:** 24 Hours at 70°F / 50% RH
- **Return To Service:** 48 Hours at 70°F / 50% RH
- **Full Cured:** After 10-14 Days
- **Ready For Use:** 24 Hours After the Last Coat of Clear Has Been Applied

CLEAN-UP

- **For Dry Material:** Use Water

CAUTION: DO NOT close the lid on any unused paint as pressure will build up in the can.

BEST PERFORMANCE

IMPORTANT STEPS

- **FOR APPLICATION TO VERTICAL SURFACES ONLY. NOT MEANT FOR HORIZONTAL SURFACES WITH NO SLOPE OR WHERE STANDING WATER IS PRESENT.**
- **IT IS CRITICAL THAT CONCRETE SURFACES ARE FREE OF MOISTURE (less than 50%) PRIOR TO APPLICATION!** Ensure that all cracks, crevices, openings and voids be filled or patched, including areas around vacuum or other units bolted or attached to surface receiving WASH-GUARD™ coating, prior to application of this system. Excessive moisture may result in hazy or milky appearance in the CLEAR-GARD™. For any CMU block walls make sure that the top portion of the wall is capped or filled to prevent water intrusion and moisture build-up within the wall cavity.
- Do not apply material when snow, rain or freezing conditions are imminent. Wet conditions combined with cold temperatures may cause improper curing of product. Protect product from freezing.
- Air and surface temperature during application shall be 45°F and rising, and not exceeding 100°F.
- Allow new concrete to cure a minimum of 30 days prior to coating.
- **DO NOT APPLY PRODUCT HEAVIER THAN STATED OR A CLOUDY FILM MAY OCCUR. TAKE CARE TO ROLL EVENLY.**

TECHNICAL DATA

PHYSICAL PROPERTY	WASH-GUARD™ PRIMER	WASH-GUARD™ COOLWALL® SUPER-COTE	WASH-GUARD™ CLEAR-GARD
Carrier	Water	Water	Water
Gloss	Flat	Satin	High-Gloss Finish
Moisture Vapor Permeability	7.5 Metric Perms	7.5 Metric Perms	2.8 Metric Perms
Volume Percent	49-51%	33-37%	44-46%

TECHNICAL DATA, Continued

PHYSICAL PROPERTY	WASH-GUARD™ PRIMER	WASH-GUARD™ COOLWALL® SUPER-COTE	WASH-GUARD™ CLEAR-GARD
Weight Percent	64%	40-52%	-
VOC (grams/liters minus water)	<100 grams/Liter	<50 grams/Liter	<5 grams/Liter
Weight/Gallon (pounds)	11.5-12.0 lbs	9.3-10.8 lbs	8.5-9.0 lbs
Total Solar Refelctance• (TSR)		Light Colors 25%-35% Medium Colors 55%-65% Dark Colors 100%	

WASH-GUARD™ COOLWALL® SUPER-COTE™ Applicable Standards | American Society for Testing

TEST METHOD	PROPERTY	RESULT
ASTM D2565-99-T-1, C#4	Accelerated Weathering	5000 Hours - Passed
ASTM B117	Salt Spray Resistance	100 Hours - Passed
ASTM D714	Blistering Resistance	100 Hours - Passed
ASTM D610	Rusting Resistance	100 Hours 0 Passed
ASTM D968	Abrasion Resistance	825 liters Falling Sand
ASTM D3273/D3274	Mold & Mildew Resistance	28 Days - Rating 10, No Growth
ASTM 6940	Wind-Driven Rain Resistance	Passed
ASTM C67/D2794	Freeze-Thaw Resistance	50 Cycles - Passed
ASTM D4585	Humidity Resistance	100 Hours - Passed
ASTM E96	Permeability	Passed
ASTM C1305	Crack Bridging	No Cracks, Separation, or Loss of Film
ASTM D4803-97	Total Solar Reflectance	Surface Wall Temperature reduced up to 40°F depending on color and geographical location as compared to commercial acrylic paint.

WASH-GUARD™ CLEAR-GARD ASTM D1308 - Effect of Household Chemicals

CHEMICAL	RESULTS	CHEMICAL	RESULTS
Gasoline	No Effect	Ketchup (Heinz)	No Effect
Motor Oil (Pennzoil)	No Effect	Mustard (Gulden's)	No Effect
Antifreeze (Peak)	No Effect	Sun Tan Oil (Hawaiian Tropic)	No Effect
Brake Fluid (Pennzoil)	No Effect	0.5 N Sodium Hydroxide	No Effect
Coffe (Black)	No Effect	10% Hydrochloric Acid	No Effect
Cola (Coca-Cola)	No Effect	10% Hydrofluoric Acid	No Effect

ORDER INFORMATION

PACKAGING

WASH-GUARD™ PRIMER or TEX-BOND™ PRIMER and WASH-GUARD™ COOLWALL® Super-COTE™ are available in one (1) gallon and five (5) gallon containers.

WASH-GUARD™ CLEAR-GARD is only available in 0.9 gallon kits.

COVERAGE RATES

See information under Application section.

ORDER INFORMATION

SHELF LIFE

- 12-Month Shelf Life under proper conditions:
- Containers must be stored upright and airtight.
 - Maintain between 40°F - 110°F.

SAFETY

WARNING

- Do NOT breathe spray mist.
- Wear appropriate gloves and eye protection during application.
- Wash thoroughly after handling.

FIRST AID

- In case of eye contact, flush immediately with large quantities of water for at least 15 minutes.
- Seek medical attention if blurring or redness continues.

VOC COMPLIANCE

All TEX-COTE® products comply with federal Volatile Organic Compound (VOC) rules and regulations.

Please contact your nearest TEX-COTE LLC office for assistance on the local and state VOC compliance in the area of intended use.

WARRANTY

Upon completion of the application of the coating in accordance with the manufacturer's recommendations, TEX-COTE LLC will extend its limited commercial warranty for product replacement as a result of a defect in the material. The manufacturer must be notified prior to the application of the coating and the application must be in compliance with the manufacturer's recommendations for installation. TEX-COTE LLC shall have no obligation to contribute to or otherwise participate in labor or cost associated with effecting repairs. Specimen copy of material warranty is available upon request.

Corporate HQ & East Coast Facility

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