



COOLWALL® WASH-GUARD™ System

DESCRIPTION

The COOLWALL® WASH-GUARD™ system is a waterborne, smooth finish high-performance coating system specifically designed to withstand the harsh conditions of commercial car-washes. 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 COOLWALL® WASH-GUARD™ coating system uses the patented heat-reflective and fade resistant technology only offered through TEX·COTE®. The recom-

mended system is comprised of COOLWALL® CLASSIC PRIMER as the base-coat, COOLWALL® SUPER-COTE™ heat reflective finish as the intermediate coat, and COOLWALL® WASH-GUARD™ CLEAR-COTE as the final coat.

FEATURES

- May be used on interior or exterior surfaces
- High performance water-based coating system
- Mildew, fungus, and algae resistance means less maintenance
- Resistant to water, chemicals, and

stains

- Long lasting durability
- Resistant to ultraviolet light

BENEFITS

- Long lasting colors
- Long term protection
- Heat reflective
- Easy to clean

RECOMMENDED OVER

Concrete, CMU Block Construction, Tilt-up/ Precast Concrete, cement fiberboard, brick, and other manufacturer approved substrates

APPLICATION

Application Equipment:

The TEX·COTE® COOLWALL® WASH-GUARD™ system can be applied by brush, roller, or commercial grade airless sprayer.

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 from the surface by sand blasting, water blasting, scraping or wire brushing. Large cracks, holes and voids greater than 1/8" must be filled with an appropriate cement patching compound. Cracks less than 1/8" should be filled with TEX·COTE® FLEX-PATCH®. All surfaces must be sound, clean and dry prior to coating and moisture content should not exceed 25%, otherwise blushing or whitening of the film may occur. Contaminants such as dust, dirt, mildew, form oils, loose substrate, etc., should be removed prior to coating.

COOLWALL® Classic Primer Application:

COOLWALL® CLASSIC PRIMER should be applied as a primer and sealer for new concrete surfaces that have cured a minimum of 30 days. 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 re-priming will be necessary.

COOLWALL® Classic Primer Drying/ Curing Times:

Dry to touch 1-2 hours. Re-coat 24 hours minimum

COOLWALL® SUPER-COTE™ Heat Reflective Finish Application:

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.

COOLWALL® SUPER-COTE™ Heat Reflective Finish Drying/ Curing Times:

Dry to touch 2 hours. Re-coat 24 hours minimum

COOLWALL® WASH-GUARD™ CLEAR-COTE Application:

COOLWALL® WASH-GUARD™ CLEAR-COTE 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.

COOLWALL® WASH-GUARD™ CLEAR-COTE Drying/ Curing Times:

Under Ideal Conditions:

Dry to touch and re-coat: 24 hours at 70 F / 50% RH

Pot life, once mixed ~ 2 hours

Dry hard: 24 hours at 70 F / 50% RH

Fully cured after 10-14 days

Ready for use: 24 hours after the last coat of clear has been applied

Clean-Up:

Use water for wet material.

BEST PERFORMANCE

•IT IS CRITICAL THAT CONCRETE SURFACES ARE FREE OF MOISTURE PRIOR TO APPLICATION! Ensure that all cracks, crevices, openings and voids be filled or patched prior to application of this system, otherwise blushing or fogging of the Clear-Cote can occur in the dry film. 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 Properties	COOLWALL® Classic Primer	COOLWALL® SUPER-COTE™	COOLWALL® WASH-GUARD™ CLEAR-COTE
Gloss	Flat	Satin	High-Gloss Finish
Weight per gallon	11.5-12.0 lbs	9.3-10.8 lbs	8.5-9.0 lbs
Solids by Volume	49-51%	33-37%	44-46%
Solids by weight	64%	40-52%	
VOC	<100 grams/ Liter	<50 grams/ Liter	<5 grams/ Liter
Moisture Vapor Permeability	7.5 Metric perms	7.5 Metric perms	2.8 Metric perms
Carrier	Water	Water	Water
Total Solar Reflectance* (TSR) *Percentage increase as compared to conventional acrylic paints.		Light Colors 25%-35% Medium Colors 55%-65% Dark Colors 100%	

COOLWALL® SUPER-COTE™ Applicable Standards American Society for Testing Materials (ASTM)

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—Passed
ASTM D968	Abrasion Resistance	825 liters falling sand
ASTM D3273/ D3274	Mold & Mildew Resistance	28 Days—Rating 10, no growth
ASTM D6940	Wind Driven Rain Resistance	Passed
ASTMC67/D2794	Freeze-Thaw Resistance	50 cycles—Passed
ASTM D4585	Humidity Resistance	100 Hours—Passed
ASTME96	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 degrees Fahrenheit depending on color and geographical location as compared to commercial acrylic paint.

TECHNICAL DATA (cont.)

COOLWALL® WASH-GUARD™ CLEAR-COTE ASTM D1308—Effect of Household Chemicals

<u>Chemical</u>	<u>Results</u>
Gasoline	No effect
Motor Oil (Pennzoil)	No effect
Antifreeze (Peak)	No effect
Brake Fluid (Pennzoil)	No effect
Coffee (Black)	No effect
Cola (Coke)	No effect
Ketchup (Heinz)	No effect
Mustard (Gulden 's)	No effect
Sun Tan Oil (Hawaiian Tropic)	No effect
0.5 N Sodium Hydroxide	No effect

ORDER INFORMATION

Packaging:

TEX•COTE® Classic Primer™ and TEX•COTE® COOLWALL® are both available in one (1) or five (5) gallon containers.

TEX•COTE® WASH-GUARD™ CLEAR-COTE is only available in 0.9 gallon kits.

Coverage Rates:

See information under Application section.

Shelf Life:

Twelve month shelf under proper storage conditions. Containers must be stored upright and maintained between 40°F – 110°F.

SAFETY

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 and state Volatile Organic Compound (VOC) rules and regulations.

WARRANTY

Upon completion of application of coating in accordance with the manufacturer 's recommendations, Textured Coatings of America, Inc. will extend its limited commercial warranty for product replacement as a results 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 manufacturer 's recommendations for installation. TEX•COTE® shall have no obligation to contribute or to otherwise participate in labor or cost associated with effecting repairs. Specimen copy of material warranty is available upon request.



Available from Kleen-Rite Corporation
 PO Box 886 / 257 South 9th Street
 Columbia, PA 17512
 800-233-3873 / www.kleen-ritecorp.com