



TECHNICAL DATA SHEET

Dry Coat (DC-480)

Smooth Hydrophobic Acrylic Latex Flat

Description

Lanco® Dry Coat™ is a high performance alkali resistant waterproofing paint, based on a revolutionary new technology of ultra-small particle size hydrophobic latex designed to waterproof a wide variety of surfaces. ULTRA WHITE, ready mix paint tintable to pastel, tint, deep and accent colors using Lanco® Color Express System.

Product Advantages

- Eliminates leaks & moisture
- Durable and tough
- Chalk resistant
- Mildew and stain resistant
- Excellent coverage
- Easy to clean
- Excellent color retention
- Lead-free
- No residual toxicity
- Will not peel or blister under extreme conditions

Product Uses

Exterior or Interior Surfaces: ideal for high-rise apartments and condominiums, tilt-up warehouses, hospitals, schools, concrete parking garage overheads, hotels, resorts and residential homes. Use on new or previously coated concrete, stucco, cement block, masonry, properly prepared brick, fiber cement siding, EIFS exterior wall cladding.

Technical Data

SOLIDS: 58.0 ± 1% by weight
39.0 ± 1% by volume

V.O.C LEVEL: 77 g/L

WEIGHT / GALLON: 11.87 ± 0.5 lbs.

FINISH: Flat (5°-10°)*Geometry 60°

FLASH POINT: Non-flammable

FIRE RATING: Class A

VISCOSITY: 110-115 Ku's

SUGGESTED FILM THICKNESS, COVERAGE PER COAT:

First Coat: 6.4 mils wet, 2.5 mils dry
225-275 sq ft/ gal

Second Coat: 6.4 mils wet, 2.5 mils dry
225-275 sq ft/ gal

*Coverage figures do not include surface porosity, irregularities & material loss due to application methods.

Base & Tinting Information

Follow tinting requirement specified within appropriate color formula book, color matching computer and automatic tinting equipment.

BASE/COLOR:

DC-480 White /Paste

The use of deep tinted colors or high contrast accent colors may require the addition of one or more finish to achieve acceptable coverage and hiding results.

Application

Stir or shake thoroughly before using. Read all label and Safety Data Sheets (S.D.S.) information prior to use. Paint always on shaded side of the building. Do not apply in cold, damp conditions. Avoid exterior application late in the day when dew or condensation is likely to form or rain is expected. Typical standard practice recommends intermixing when working with more than one container of a tinted color, to ensure color consistency.

BRUSH: Use a high quality nylon or polyester brush.

ROLLER: Use a ½" to 1 ¼" nap roller cover, depending on the substrate texture.

AIRLESS SPRAY: Use a tip size from .017" to .023". Spray application must be back rolled to work material into surface.

MIXING: Always mix thoroughly before and during application.

THINNING: This product is not to be thinned.

CLEANUP: Clean all equipment immediately after use with warm soapy water. Completely flush all spray equipment with this solution.

DRYING TIME@ 77°F @ 50% RH:

Temperature and humidity dependent.

To touch: 1 hour To recoat: 4 hours

Technical Compliance:

AIM: PASSES
OTC: PASSES

Requirements	Blistering	Loss of Adhesion	Softening	Water Droplets
Pressure	None	None	None	6M maximum
4 psi	None	None	None	No Droplets
6 psi	None	None	None	No Droplets
8 psi	None	None	None	8F droplets
10 psi	None	None	None	8F droplets
Conclusion				
1)	Lanco Dry-Coat conforms to the requirement for resistance to Hydrostatic Pressure as outlined in Par. 3.3.8 of Federal Specification TT-P-1411A.			
2)	The product exceeds the requirement as outlined in the specification and meets the specification requirement even when tested up to 10psi.			

Surface Preparation

Surface must be completely dry and in sound condition. All surfaces must be clean and free of contaminants such as form and release agents, dirt, grease, oil, rust, chalk, efflorescence, organic growth, mildew and non-adherent material. Gloss finishes should be sanded or de-glossed. Feather sand rough edges and spot prime bare areas. Any deteriorated or failed sealant and/or patching compound should be removed and replaced. Fill cracks and voids with Lanco® Rain-Shield™ Elastomeric Crack Filler. Apply sealants or patching compounds over a primed surface and at a safe level of pH.

Allow a minimum of three (3) days of cure time for new masonry or hot stucco, a seven (7) day cure time for poured in place concrete or a safe pH level below 8.5 prior to application of product. Coatings have a greater resistance against failure when applied to a surface with a lower alkaline level (below 8.5). Clean substrate to remove all form and release agents, dirt, dust, grease and any foreign contaminants. High pH (between 9 and 13) should be primed with LANCO® Rain-Shield™ High pH Primer or LANCO® Rain-Shield™ Clear Acrylic Primer/Sealer.

BELOW GRADE OR RETAINING WALLS: Make sure cracks and holes are clean; dry and free of loose particles. Patch all holes and cracks using a good quality, fast setting hydraulic cement, and smooth the patch evenly with the surface around it. Floor joints where walls and floor meet must be checked for possible breaks, if necessary fill with a good quality fast setting hydraulic cement

PREVIOUSLY PAINTED SURFACES:

SURFACES IN GOOD CONDITION: Sand any glossy areas by brush blasting (SSPC-SP 7-63) and dust clean.

SURFACES IN POOR CONDITION: If paint is old, loose, peeling or badly weathered, repair and clean surface by sanding, brush blasting (SSPC-SP 7-63) or other methods in order to provide a sound surface. Apply a full coat of primer as recommended.

MILDEWED SURFACES: Any existing mildew on the surface must be killed and removed prior to the application of this product. Any mildew not removed may continue to grow through the new finish. Using a long-handled brush, scrub mildewed surfaces with a mixture of one quart of household bleach and three quarts of warm water. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach / water solution.

General Information

PRECAUTION: For interior use only. Do not add mineral spirits or other solvents to this product. Do not apply when surfaces or air temperature are below 50°F (10°C). Do not expose to freezing temperatures in storage. Do not use on unpainted ferrous metal. Do not use on staining wood such as cedar, mahogany, or redwood.

LIMITED WARRANTY: The manufacturers liability in connection with the sale of this product extend only to the replacement price if it should fail to comply with quality standards or specifications.

CAUTION: Harmful if swallowed. Contains Acrylic Resin. In case of eye contact, flush thoroughly with water. Do not rub eyes. In case of skin contact, flush area immediately with clean water. If swallowed, do not induce vomiting. Consult a physician immediately. Use only with adequate ventilation. Adequate ventilation required when sanding or abrading the dried film. Always use NIOSH/MSHA TC21C or equivalent.) Goggles are recommended while handling the product. Keep out of reach of children.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. For chemical emergency call ChemTrec 1-800-424-9300. PROTECT FROM FREEZING.

S.D.S.: Available upon request.

The information presented on this Technical Data Sheet is based on testing conducted by Lanco® Paints & Coatings. No guarantee of accuracy, comprehensiveness, or performance is given or implied. Information and recommendations are subject to change dependent on surface conditions (substrate), weather and method of application. Please consult with a Lanco Representative or visit www.lancopaints.com for complete, up-to-date technical information.



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