



Duplex™

Interior/Exterior Flat 100% Acrylic Paint & Primer

Description:

Dúplex™ is a 100% acrylic paint and primer with high durability and fast drying for interior and exterior use. Low odor. Its innovative technology provides excellent adhesion and hiding power, eliminating the need for a separate primer. This paint has been modified rheologically and pigmented with titanium dioxide, making it resistant to burnishing. It delivers full coverage with a single, smooth, and creamy coat.

Meets Requirements for:

MPI:	N/A
Green Performance 1:	N/A
Green Performance 2:	N/A
VOC compliant (<50 g/L):	Yes

Product Advantages:

- 100% washable
- Strong and long-lasting
- Burnish resistant
- Lead and heavy-metal free
- Mildew resistant
- Non-toxic
- Excellent performance
- Will not peel or flake
- Excellent color retention
- Wide variety of colors

Available in white and 4 tint bases (pastel, tint, deep, and accent) to prepare custom colors through the Lanco® Color Express System.

Uses:

Dúplex™ is ideal for industrial, commercial, and residential use on new or previously painted surfaces such as cement, wood, brick, and properly prepared metal.

Data Técnica:

Product Type:	100% Acrylic Resin
Finish:	Flat (1°-5°) *60° Geometry
Solids:	54 ± 2% by weight / 35 ± 2% by volume
Weight per Gallon:	11.7 ± 0.05 lbs. (5.30 ± 0.02 kg)
Colors:	White and tintable bases
Dry Time:	To Touch: 60 minutes To Recoat: 5 hours
Theoretical Coverage:	Up to 567 ft²/gal. (53 m²/gal.) @
1 mil Recommended:	260-300 ft²/gal. (24-28 m²/gal.) @ 2 mils DFT, 6
mils WFT	
Available Sizes:	5-gallon 1-gallon
Dilution:	Not recommended
Flammability:	Non-flammable
Viscosity:	110-115 KU
Pigment by Weight:	41 ± 2%

Notice: To the best of our knowledge, the technical information provided is accurate and correct. All published technical data and instructions are subject to change without prior notice.

F.D.S: Available upon request.

Surface Preparation:

All surfaces must be dry, clean, sound, and free of contaminants such as dirt, grease, chalk, mildew, oil, rust, concrete curing agents, plaster, grout, efflorescence, and loose or cracked paint. Remove contaminants using appropriate cleaners, sanding, scraping, and/or pressure washing. Use a Lanco® primer if necessary, based on the product's recommendations for surfaces such as: concrete, coatings, drywall, prefabricated panels, wood, steel, aluminum, galvanized steel, other composite materials, or vinyl siding, following the application instructions. Glossy surfaces must be lightly sanded. Cracks and holes must be clean and dry. Apply Siliconizer™ Crack Filler with a putty knife over the crack and extend two inches on both sides. Fill all gaps with Lanco® Spackling Compound and allow to dry completely for 24 hours.

Sistemas de Pintura Recomendados:

New concrete walls & blocks:

Refer to surface preparation.

Primer, apply 1 coat: Wall-Prep™ Primer
400-450 ft²/gal. (37-41 m²/gal.)

@ 1.4 mils DFT, 4 mils WFT

Paint, apply 2 coats: Dúplex™
260-300 ft²/gal. (24-28 m²/gal.)

@ 2 mils DFT, 6 mils WFT

Previously painted concrete walls:

Refer to surface preparation.

Primer: Not required

Paint, apply 2 coats: Dúplex™
260-300 ft²/gal. (24-28 m²/gal.)

@ 2 mils DFT, 6 mils WFT

Coverage may vary depending on surface and application methods.

In repainting situations with drastic color changes, a primer coat will improve the new color's coverage.

Recomendaciones de Aplicación en Superficies:

Mold or algae-covered surfaces: This paint contains agents that inhibit mold growth on the dry film. Any existing mold must be completely removed prior to applying primer or paint. Unremoved mold may grow through the new coating. Scrub affected areas with a long-handled brush using DryCoat Cleaner™, rinse thoroughly, and allow to dry.

Concrete surfaces: Plaster or cement mortars, stucco, and concrete blocks must be cured and hardened. Remove all contaminants, release agents, curing compounds, efflorescence, etc. Surface pH must be below 9 before applying any paint or primer. On new concrete, apply a coat of Lanco® Wall-Prep™ Base WP-823 or Lanco® Stain Killer™ WP-039.

Efflorescence: This is a white, crystalline, powder-like deposit visible on masonry or cement surfaces. Remove using a solution of 1 part muriatic acid to 3 parts water with a long-handled brush. Rinse thoroughly.

Caution: Read cleaning solution labels before use. Wear rubber gloves, safety goggles, and protective clothing.

pH Testing:

pH levels must be below 9 before applying any paint or primer. If pH is between 9 and 13, apply Lanco® 100% Acrylic Roof & Wall Primer/Sealer AS-210 or Lanco® Acry Seal™ AS-211 per instructions before applying additional primers and/or finish coats. For white pigmented primer below pH 13, apply Lanco® Wall-Prep™ Base WP-823 or Lanco® Stain Killer™ WP-039.

Wood Surfaces: Fill all cracks or holes with Lanco® SiliconFlex White Caulk CC-767 and allow to dry for 24 hours before painting. Sand rough areas and prepare the entire surface with Lanco® Wall-Prep WP-823.

Steel Surfaces:

Remove all rust with a brush or sanding. Prime with Lanco® Metal Master Primer™.

Galvanized Steel Surfaces: Remove oil and dirt with Lanco® Lacquer Thinner LT-102 and prime the surface with Lanco® Super Galvanized Primer SG-664.

Previously Painted Surfaces:

Good condition: Sand glossy areas and remove all dust. Clean dirt and chalk, or use Lanco® Stain Killer™ WP-039. For ceilings, clean with soap and water to remove invisible residues that may cause adhesion failure. Rinse well and allow to dry. Prime entire area as instructed under New Surfaces.

Poor condition (peeling): Scrape and remove all loose paint completely. Prime entire area as instructed under New Surfaces. On surfaces showing chalking or burnishing, use Lanco® AcrySeal™ (AS-211).

Método de Aplicación:

Shake well before use. Apply product generously using brush, roller, or spray gun. Standard practice recommends intermixing when using more than one pail or container of the same color to ensure color consistency.

Mixing and Thinning: Mix thoroughly before use. Thinning is not recommended. If necessary, use only 8 oz. of water per gallon.

Brush: Use a nylon PA-1982 or polyester PA-1999 brush.

Roller: Use Lanco® All-Purpose 3/8" Nap Roller PA-566. Apply generously, avoid over-brushing or reworking painted areas, and avoid overspreading. Conventional Spray:

Suction feed: DeVilbiss MBC with "E" tip and needle, air cap 30 or equivalent at 40–45 psi

Pressure feed: DeVilbiss MBC with "E" tip and needle, air cap 704 or equivalent at 40–45 psi, liquid pressure 5–8 psi, 3/8" ID hose, dual-regulated pressure tank with oil and moisture separator

Airless: Minimum pump ratio 28:1, 0.011"–0.013" tip, 1/4" ID Teflon hose

Precaution: Do not add mineral spirits or other solvents to this product. Do not apply when surface or air temperature is below 50°F (10°C). Do not expose to freezing temperatures during storage. Apply generously without overspreading. Stop painting at least two hours before dew formation or if temperatures drop below 50°F (10°C).

Caution: Do not ingest. Close container after each use. Keep out of reach of children. Use only with adequate ventilation. Hazardous if swallowed. Contains acrylic resins. In case of eye contact, rinse well with water and do not rub eyes. In case of skin contact, rinse immediately with clean water. If ingested, do not induce vomiting — consult a doctor immediately. Adequate ventilation is required during sanding or buffing of the dry film. Always use a NIOSH/MSHA TC21C or equivalent respirator.

Warning: If scraping, sanding, or removing old paint, lead dust may be released. Lead is toxic. Exposure to lead dust can cause serious illness, including brain damage, especially in children. Pregnant women should avoid exposure. Use a NIOSH-approved respirator to control exposure. Clean carefully with a HEPA vacuum and a wet mop. Learn how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or visit www.epa.gov/lead. For chemical emergencies, call CHEMTREC at 1-800-424-9300. Protect from freezing.