Durex™ Galvanized Primer DE-973

Int/Ext Acrylic Latex Anti-Corrosive White Primer

Description:

Durex™ Galvanized Primer is an industrial grade water-based acrylic resin with corrosion inhibiting pigments base designed for use on galvanized, steel, aluminum and metals. This premium grade corrosion resistant primer is formulated with pigments to improve adhesion to any new or existing surface creating a barrier against corrosion.

Meets Requirements for:

MPI:	134
Green Performance1:	N/A
Green Performance 2:	N/A
VOC Compliant (<100g/L):	No
SCAQMD:	N/A
AIM & OTC:	N/A

Product Advantages:

- Adhere to galvanized, alluminum, iron and steel
- For use with water-based or solvent-based paints .
- Excellent protection against corrosion
- For direct use on surfaces or existing coatings
- Heavy metal and lead free
- Tolerant to surfaces with minimum preparation
- Low Odor
- Easy water cleanup

Uses:

Durex™ Galvanized Primer is frequently used in production facilities and workshops to protect any interior or exterior surface, such as window frames, gates, industrial or agricultural equipment, and structural steel. To protect against wind, rain, sunlight and excess moisture. Excellent for use as a primer under water-based, latex, solvent or oil alkyd-based paints; it is ideal for use in any industrial, commercial or residential application.

Technical Data:

Product Type:	Acrylic Resin
Finish:	Flat (1° - 3°) *Geometry 60°
Solids (%):	56 ± 2% by weight 42 ± 2% by volume
Weight/Gallon:	11.13 ± 0.05 lbs. (5.05 ± 0.02 kg.)
Color:	White
Drying Time:	To touch: 45 - 60 min. To recoat: 2 - 6 hrs.
Coverage:	
Theoretical:	Up to 690 ft.² per gallon @ 1 mil
Recommended:	500-550 ft.²/gal. (46-51 m²/gal.) @ 1.4 dry mils, 3.2 wet mils
Sizes:	1 gallon 1 quart
Thinning:	Is not recommended.
Viscosity:	90 - 100 KU's
Percent Pigment by Weight:	25 ± 2%
Ph:	9-10
VOC:	<100 g/L

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

S.D.S.: Available upon request.

Surface Preparation:

All surfaces must be dry, clean, sound and free of contaminants. Remove all dirt, grease, chalk, mildew, oil, rust, concrete curing agents, dust, and other soluble contaminants from steel surfaces by washing with solvent, vapor, cleaning compound or other method. Remove all loose mill scale, loose rust, loose paint, and other loose detrimental foreign matter by hand chipping, scraping, sanding, and wire brushing or by power wire brushing, power sanding, power grinding, power tool chipping, and power tool descaling. Use this product by following the application instructions. Glossy surfaces should be lightly sanded previous to the new application.

Recommended Paint Systems:

Alluminum and galvanized surfaces:

Surface preparation: SSPC-SP1/ SP2 / SP3

Primer, apply 1 coat : Durex™ Galvanized Primer

500-550 ft.²/gal. (46-51 m²/gal.)

@1.4 dry mils, 3.2 wet mils

Apply two coats if additional thickness is required.

Previously painted surfaces:

Surface preparation: SSPC-SP2 / SP3

Primer, apply 1 coat : Durex™ Galvanized Primer

500-550 ft.²/gal. (46-51 m²/gal.)

@1.4 dry mils, 3.2 wet mils

Apply two coats if additional thickness is required.

Final Paint Coat Application:

Wait 24 hours to apply the final coat of paint over Durex™ Galvanized Primer.

You can apply water-based DTM paints or alkyd paints.

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Surface Preparation Standards:

SSPC-SP1 Solvent cleaning: Removal of all visible oil, grease, soil, drawing and cutting compounds, and other soluble contaminants from steel surfaces with solvent Lanco® Lacquer Thinner LT-102, vapor cleaning, alkali, emulsifying agent, or steam.

SSPC-SP2 Hand tool cleaning: Removes all loose mill scale, loose rust, loose paint, and other loose foreign matter by hand chipping, scraping, sanding, and wire brushing.

SSPC-SP3 Power tool cleaning: Removes all loose mill scale, loose rust, loose paint, and other loose detrimental foreign matter by power wire brushing, power sanding, power grinding, power tool chipping, and power tool descaling.

SSPC-SP6 / NACE 3 Commercial blast cleaning: Commercial blast cleaning is a method of preparing metal surfaces for coating by the use of abrasives propelled through nozzles or by centrifugal wheels. It requires the removal of all visible scale, rust and other surface contaminants. Generally evenly dispersed very light shadows, streaks and discoloration caused by stains of rust, stains of mill scale and stain of previously applied paint may remain on no more than 33% of the surface. Slight residues of rust and paint may also be left in the craters or pits if the original surface is pitted.

SSPC-SP7 Brush-off blast cleaning: When viewed without magnification, the surface shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust, and loose coating. Tightly adherent mill scale, rust, and coating may remain on the surface. Mill scale, rust, and coating are considered tightly adherent if they cannot be removed by lifting with a dull putty knife.

Surface Application Recommendations:

Previously painted surfaces: Clean surface of all loose, peeling paint and foreign material; spot prime bare metal areas. If the paint is old, peeling or badly weathered, hand tool clean (SSPC-SP2) or power tool clean (SSPC-SP3). Glossy or smooth surfaces should be sanded. If poor adhesion of existing coatings is noted or coating is loosed by blistering, rupture or scratching, additional abrasion or removal methods may be necessary to provide a clean and sound surface.

New Galvanized and steel metals: Clean surface of all loose rust, grease, oil, and foreign material; spot prime bare metal. If the paint is old, peeling or badly weathered, hand tool clean (SSPC-SP2) or power tool clean (SSPC-SP3).

Method of Application:

Stir thoroughly before using. Do not apply when surface or air temperature is below 50 ˚F or if rain is expected within 5 hours. Apply product with brush, roller or sprayer. Apply generously with a full brush or roller and avoid excessive brushing or spreading too thinly. Typical standard practice recommends to mix the producto on the container to assure the consistency and coverage.
Mixing and Thinning: Mix always thoroughly before application. Thinning is not recommended, if necessary use only 8oz. of Lanco® water per gallon.

Brush: Use a 3/8" PA-1982 or polyester brush PA-1999.

Roller: Use a Lanco® All-Purpose 1/4" or 3/8" Enamel Roller PA-566. Apply generously, but avoid excessive brushing or reworking of painted areas, do not apply or spread too thinly.

Spray: The equipment must be capable of maintaining a pressure of 700-1000 psi with a tip of 0.015 to 0.019. Spray and reapply on rough or porous surfaces to achieve required film formation. See equipment manufacturer's recommendations.

Conventional Spray: For suction feed, use a DeVilbiss MBC gun with an "E" tip and needle and 30 air cap or equivalent, at 40-45 psi atomizing pressure. For pressure feed, use a DeVilbiss MBC gun with an "E" tip and needle and 704 air cap or equivalent at 40-45 psi and 5-8 fluid pressure, 3/8" ID material hose, double-regulated pressure tank with oil and moisture separator. Apply two coats with overnight drying between coats to minimize pinholes on the surface is recommended. See equipment's manufacturer recommendation.

Airless Spray: Minimum of 28:1 ratio pump, with a 0.013"- 0.015" tip, 1/4" ID Teflon material hose. Apply two coats with overnight drying between coats to minimize pinholes on the surface is recommended. See equipment's manufacturer recommendation.

Precaution: Do not add mineral spirits or other solvents to this product. Do not apply when air or surface temperature is below 50 ˚F (10 ˚C). Apply liberally, but do not overspread. Stop painting at least two hours before you expect dew to form or the temperature to fall below 50 ˚F (10 ˚C).
Important: It is important that you apply one coat of primer and two full coats of paint to achieve the warranty protection.
Limited warranty: The manufacturers liability in connection with the sale of this product extends only to the replacement price if it should fail to comply with quality standards or specifications.
Safety precautions: Refer to S.D.S. sheet before use.
Warning!: If you scrape, sand, or remove old paint, you may release lead dust. Lead is toxic. Wear a NIOSH-approved respirator to control lead exposure. 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.