

Alumithane Direct to Rust Primer - F929 Series

Product Description

Alumithane Direct to Rust Primer is a moisture-cure, aluminum pigmented urethane coating designed for application over rusting substrates where conventional surface preparation is either impractical or impossible. It seals in rust and creates a suitable surface for re-coat. Alumithane may be used as its own finish coat, or can be repainted with most any product. It has excellent chemical and corrosion resistance and adheres extremely well to stainless steel, steel and iron. Alumithane can be used inside or outside and is an ideal maintenance coating for factory ceilings, beams, tanks and other hard to prepare surface.

Recommended Use

Metal surfaces

General Surface Preparation

All surfaces should be as free of as much rust and moisture as possible. All wax, grease and dirt must be removed along with any loose paint and loose mill scale prior to painting. On previously painted surfaces test coat a small area to check for possible lifting of the old coating.

Application

Apply a prime coat of ALUMITHANE as it comes from the can. Additional coats of ALUMITHANE will serve as a finish coat, however, due to the inherent hardness of this paint film light sanding will be necessary between coats if more than 24 hours elapse between applications. Allow 1-2 hours between coats. ALUMITHANE may be re-coated with alkyds, acrylics, epoxies or urethanes.

Clean up

Clean tools and equipment with xylol or xylene. Do not use water on natural bristle or china bristle brushes.

Architectural Specifications

New Steel: ALUMITHANE may be applied directly to clean steel. New galvanized metal should either weather for 6 months or be etched with a 50% solution of vinegar before painting.

Apply 1 coat of FixAll Alumithane F929XX

Rusted or Previously Painted Steel: Remove loose rust, loose mill scale and dirt as well as possible by wire brushing, power tool cleaning or water blasting. Ideally surface should be Power Tool cleaned in accordance with SSPC-SP-3.

Apply 1 coat of FixAll Alumithane F929XX immediately following preparation.

Aluminum: ALUMITHANE may be applied to smooth aluminum alloys. New or painted aluminum should first be solvent cleaned in accordance with SSPC-SP-1.

Apply 1 coat of FixAll Alumithane F929XX

Precautions

Opened containers will gel if not promptly used. Lifting may occur when applied over weakened conventional alkyd coatings. Stir. Do not shake on mechanical shakers. Light sanding will be necessary between coats if more than 24 hours elapse between applications. Avoid contact with skin. Dried film must wear off skin. Remove while wet or wear protective articles.

Environmental Health and Safety Information

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*Depending upon color choice, non zero VOC colorant added to this product may significantly increase VOC levels.

WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Working with flammables and combustibles: Fire extinguishers, a safety shower, and fire blankets must be immediately available. Use only explosion-proof electrical equipment, including lighting. Do not leave any material or equipment unattended.

Always use any paint product with proper ventilation. Provide general dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below the applicable exposure limit (OSHA PEL) of the components being used. This information is listed on the appropriate Material Safety Data Sheets. All application areas should be ventilated in accordance with applicable OSHA regulations, contact your local office for specific information.

In an enclosed area and as required, always wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application of any coating unless air monitoring demonstrates that vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

CAUTION! Combustible Liquid: Keep away from heat and flame. Close container after each use. Use only with adequate ventilation. Wash thoroughly after handling. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. KEEP OUT OF REACH OF CHILDREN.

USE COMPLETELY OR DISPOSE OF PROPERLY: Dispose of in accordance with applicable Federal, State and Local regulations. Under the Resource Conservation and Recovery Act (RCRA) regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material should be classified as a hazardous waste. For recycling guidance of any unused amount, contact your local or provincial organization of recovery, recycling and disposal for regulations.

Place the rags in an empty metal container that has a tight metal lid such as a paint or stain can. Fill the container with water until the rags are submerged; Fill Place the metal lid tightly over the water soaked formerly combustible rags. Place lid tightly on container. Coontact local municipal offices for disposal directions. Never dump solvent down any household or external drains or in any open water.

Notes

Technical Data

Product Type	Industrial
Exposure	Interior/ Exterior
Specular Gloss	50° ±
Volume Solids	53% ± 2
Weight Solids	63% ± 2
Vehicle Solids	
Pigment	
Wet Film Thickness	3.8 mils
Dry Film Thickness	2.0 mils
Viscosity @ 77 °F	45KU ± 5
Max VOC	
Flash Point ° F	Combustible
Thinner	Xylol
Clean - up	Xylol

Surface Spread Rate

Smooth	400 - 450 s.f./gal.
Porous	300-350 s.f./gal.
(Spray Application is 50% of above)	

Drying Times

To Touch	1 hour
To Handle	4 hours
To Recoat	1-2 hours
To Wash	3 days
(@ 70 - 77 °F, 50% R.H)	

Surface Temperature At Application

Maximum: Over 40°F	Maximum: Under 90°F
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Storage Temperature

Store Between Over 40°F to Under 90°F

Tools & Equipments

Brush	China Bristle
Roller	Short Nap Synthetic or Natural
Airless Spray	.015 to .018 Tip / 40-60° angles

Available Package Sizes

Gallon	Quart
(Weight Per Gallon:9.0 lbs. ± .5 lb)	

Available Colors and Bases

Available in 1 stock colors