•TRUSTED QUALITY SINCE 1921•
RUST-OLEUM®

580 FIBERED ALUMINUM ROOF COATING

DESCRIPTION AND USES

Rust-Oleum® 580 Fibered Aluminum Roof Coating is a metallic pigmented coating used for rust-proofing and weatherproofing metal roofs and sidewalls, and as a reflective coating for built-up roofing (BUR) and modified bitumen roof systems. Rust-Oleum 580 Fibered Aluminum Roof Coating reflects heat, prevents corrosion and protects against mild acid and alkali fumes on a variety of substrates, including metal, transite, built-up roofing and modified bitumen. This reflective coating protects low and steep slope roofs from harmful UV damage while supporting overall energy efficiency.

PRODUCT FEATURES

- Energy efficient reflective coating
- 15.9% metallic flake content
- 1 coat direct to light rust - no primer needed
- Waterproofs and rust proofs metal roofs

PRODUCTS

SKU	580 FIBERED ALUMINUM ROOF COATING
301905	0.9 Gallon
301995	4.75 Gallon Pail

COMPANION PRODUCTS

SKU	NEOPRENE RUBBER CEMENT
301823	10.1 Oz. Cartridge
345462	2.8 Gallons

SKU	FIBERGLASS ROOF FABRIC
350302	4”x300’
350303	12”x300’

PRODUCT APPLICATION

SURFACE PREPARATION

All surfaces must be clean and free from dirt, grease, oil, mold, algae, loose granules, loose paint, rust, excess chalk and other foreign matter which could prevent proper adhesion. Use a high pressure wash of at least 2,000 psi. Clean with Rust-Oleum Krud Kutter® Original Cleaner Degreaser, or other suitable cleaner to remove all grease or oily deposits. Seams should be sealed and waterproofed and roof penetrations should be flashed prior to applying the topcoat.

METAL: Rust and flaking or peeling paint shall be wire brushed, scraped or pressure washed to ensure a sound surface. No priming is necessary. Seams, fasteners and protrusions shall be repaired as needed.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

BUR/Modified Bitumen: Torn flashings, faulty copings, parapet walls, large blisters and surface breaks shall be repaired prior to application.

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.

MIXING INSTUCTIONS

SHAKER: 2 three minute cycles with a 5 gallon gyroscopic mixer.

DRILL: Use a 5 gallon jiffy mixer, taking care to incorporate all aluminum flake that accumulates at the bottom of the pail.

NOTE: Fully mixed product will have a smooth consistency and will appear silvery bronze in the pail, quickly turning to bright silver once drill stops.

APPLICATION

Apply only when air, material, and surface temperatures are between 50-100ºF (10-38ºC) and the relative humidity is below 85%. Mix with a power assisted mechanical mixer before use. Mix until the coating is smooth and consistent. Rust-Oleum 580 Fibered Aluminum Roof Coating can be spray, roll or brush applied. A ⅜” nap roller is recommended if rolling. Airless spray is recommended for optimum results. Good results are generally obtained @ 2,000-3,000 psi at the spray tip.

NOTE: Should a rain event occur in the first 24 hours of coating application, the product will temporarily turn bronze. It will return to silver when the rain event passes.

SPRAY EQUIPMENT RECOMMENDATION

Pumps: Graco® King 45:1, Graco Bulldog 30:1 or gas powered equivalents. Graco GH733, HydraMax 350 or GMax 7900 or other manufacturers’ equivalents.

Hose/Pressure: 50’-300’ length (depending on spray rig pressure). When using hoses longer than 100’, use the next larger hose ID every 50’. Every 50’ of hose will reduce the spray pressure of the rig by 10% at the gun tip. i.e. 300’ hose - ¾” (50’/100’) to ⅝” (50’/100”) to ½” (50’/100’) to ⅜” (50’).

Gun: Graco Contractor Gun, Graco Contractor FTx gun, Graco Silver Plus or equivalent. (Tip extrusions or pole guns can be used).

Form: GDH-1160
Rev.: 042319

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PRODUCT APPLICATION (cont.)

SPRAY EQUIPMENT RECOMMENDATION (cont.)

Tip Type: Heavy Duty RAC Switchtips (GHD-XXX) Gray. Tip sizes are detailed below.

Fan Width (inches)	0.39	0.43	0.47	0.51	0.55	0.59
10”-12”	539	543	547	555	547	559
12”-14”	639	643	647	651	647	659
14”-16”	739	743	747	751	747	
16”-18”	839	843	847	851	847	
Flow Rate	1.60 gpm	1.98 gpm	2.37 gpm	2.79 gpm	2.37 gpm	3.74 gpm

COVERAGE

Over metal, 2 gal./100 square feet. Over corrugated and irregular metal surfaces, allow for additional surface area by multiplying length x width by 1.15 minimum.

Over smooth Built-up/Modified Bitumen Roofing, 2½ gal./100 square feet. The surface dictates the actual coverage. The mounts shown are intended as minimum application information.

PRODUCT APPLICATION (cont.)

DRY & RECOAT TIMES

Dry and recoat times are based on 70ºF and 50% relative humidity. Dry times increase at cooler temperatures. Dries to the touch in 4 hours, weather resistant in 24 hours and full cure in 10-12 days. Environmental or site specific conditions may require variations in cure times.

CLEAN-UP

Wash tools and equipment with mineral spirits. Wipe up splatters before they dry. Follow equipment manufacturer’s directions to clean spray equipment. Properly dispose of all soiled rags and containers.

LIMITATIONS

Do not apply when air and surface temperature is below 40°F or when rain is imminent. Not recommended for use over tar surfaces, slate, tile, wood, shingles or where water ponds. Do not apply over newly installed asphalt built-up roofs without allowing the roof to weather a minimum of 60-90 days.

	TECHNICAL DATA	ROC-67

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PHYSICAL PROPERTIES

		580 FIBERED ALUMINUM ROOF COATING
Resin Type		Asphaltic Fibered Aluminum
Pigment Type		Aluminum Flake
Solvents		Mineral Spirits
Weight	**Per Gallon**	8.8 lbs.
	Per Liter	1.05 kg
Solids	**By Weight**	61.0%
	By Volume	47.0%
Volatile Organic Compounds		<397 g/l (3.30 lbs./gal)
Recommended Dry Film Thickness (DFT) per Coat		12.0 mils (300µ)
Wet Film to Achieve DFT (Unthinned material)		24.0 mils (600µ)
Practical Coverage at Recommended DFT (assume 15% material loss)		50 sq.ft./gal. (1.23 m^2/l)
Dry Times at 70-80°F (21-27ºC) and 50% Relative Humidity	**Touch**	4 hours
	Weather Resistant	24 hours
	Full Cure	10-12 days before final inspection can be made
Shelf Life		1 year
Flash Point		106°F (41°C)
Safety Information		For additional information, see SDS

Performance Guarantee: Should this product fail due to a defect, unless expressly agreed otherwise by Rust-Oleum in writing, purchaser's sole and exclusive remedy is that Rust-Oleum Corporation will, at its option, either refund to the purchaser the amount paid for the product, or furnish at its expense sufficient product to restore a protective condition to the affected areas. Proof of purchase must be provided. At its discretion, Rust-Oleum may require inspection of the affected areas by a Rust-Oleum representative. Contact Rust-Oleum Product Support at 844-888-0482. Refer to product number and batch code. Please visit rustoleum.com/roofing for further information regarding additional warranties that may be available for your roofing system.

NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY RUST-OLEUM, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Additional extended Material and Labor warranties may be available. Contact your Rust-Oleum Representative for more information.

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