



# 15 YEAR FIBERED ALUMINUM ROOF COATING

## DESCRIPTION AND USES

Rust-Oleum® LeakSeal® 15 Year 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® LeakSeal® 15 Year 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.

## PERFORMANCE CHARACTERISTICS

- 66% reflectivity energy efficient reflective coating
- 15.9% metallic flake content
- 1 coat direct to tight rust – no primer needed
- Waterproofs and rust proofs metal roofs
- UL certified R38879 (Canada and USA)

## PRODUCTS

SKU	Description
322077	Fibered Aluminum Roof Coating – 18.9 L
322066	Fibered Aluminum Roof Coating – 3.78 L

## 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 a Roof & Siding 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. All surfaces must be clean and dry.

**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.

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

### APPLICATION

Apply only when air, material, and surface temperatures are between 10-38°C (50-100°F) 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® LeakSeal® Fibered Aluminum Roof Coating can be spray, roll or brush applied. A 10 mm (3/8") 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.

## PRODUCT APPLICATION (cont.)

### 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 - 3/4" (50'/100') to 5/8" (50'/100") to 1/2" (50'/100') to 3/8" (50').

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

**Tip Type:** Heavy Duty RAC Switchtips (GHDXXX) Gray. Tip sizes are detailed below.

Fan Width (inches)	0.39	0.41	0.43	0.45	0.47	0.49
25-30 cm 10"-12"	539	541	543	545	547	549
30-36 cm 12"-14"	639	641	643	645	647	649
36-41 cm 14"-16"	739	741	743		747	749
41-46 cm 16"-18"	839	841	843		847	
Flow Rate	1.60 gpm	1.80 gpm	1.98 gpm	2.17 gpm	2.37 gpm	2.58 gpm

### COVERAGE

Over metal, 7.56 L / 9.3 m<sup>2</sup> (2 gal./100 ft<sup>2</sup>); Over corrugated and irregular metal surfaces, allow for additional surface area by multiplying square meter / feet by 1.15 minimum

Over smooth Built-up/Modified Bitumen Roofing, 9.46 L / 9.3m<sup>2</sup> (2 1/2 gal./100 ft<sup>2</sup>). The surface dictates the actual coverage. The amounts shown are intended as minimum application information.

## TECHNICAL DATA

### 15 YEAR FIBERED ALUMINUM ROOF COATING

#### PRODUCT APPLICATION (cont.)

##### DRY & RECOAT TIMES

Dry and recoat times are based on 21°C (70°F) and 50% relative humidity. Dry times increase at cooler temperatures. Dries to the touch in 4 hours and full cure in 24 hours. 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.

#### PRODUCT APPLICATION (cont.)

##### LIMITATIONS

Do not apply when air and surface temperature is below 4°C (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

### 15 YEAR FIBERED ALUMINUM ROOF COATING

#### PHYSICAL PROPERTIES

		15 YEAR 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 (assumes 15% material loss)		50 sq.ft./gal. (1.23 m <sup>2</sup> /l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	4 hours
	Full Cure	24 hours
Shelf Life		1 year
Flash Point		106°F (41°C)
Safety Information		For additional information, see SDS

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