

Aluminum Roof Coating

Item Description

5 gal (18.9 L) Pail
55 gal (208.2 L) Drum

Item Number

W56FAC6589
W56FAC6590



Meets ASTM D 2824, Type III.

Product Information

Description:

Firestone Aluminum Roof Coating is a fibered aluminum reflective coating designed for use on metal roofs. Firestone Aluminum Roof Coating provides a durable reflective coating that protects metal roofs from the elements.

Product Packaging

Pail Contents:	5 gal (18.9 L)
Pail Weight :	44 lb (19.9kg)
Drum Contents:	55 gal (208.2 L)
Drum Weight:	549 lb (249.0 kg)

Method of Application:

1. Follow instructions in the Firestone Industrial Elastomeric / Aluminum Roof Coating Application Guide.
2. Remediate areas that pond water for forty-eight (48) hours or more prior to installing coating system.
3. Replace loose or missing fasteners with oversized fasteners. Reattach loose panels with appropriate fasteners to ensure they are pulled together and flush. Caulk all reglets and termination bars.
4. New metal must weather a minimum of six (6) months or be cleaned to remove residual oil. Residue can be removed using an environmentally safe cleaner, such as Simple Green®.
5. Prepare the surface to be coated by power washing with a unit that produces a minimum of 2,000 psi. Wire brushing may be necessary to remove loose coating, heavy rust and any foreign matter that would prevent adhesion. Ensure roof surface to be coated is clean and dry with no oils, grease, moisture or loose debris.
6. Prime all rusted areas with Firestone Rust Inhibitive Metal Primer (Red). Do not use Firestone Acrylic Rust Inhibitive Metal Primer.
7. Repair all defects and tape all joints using Firestone Elastomeric Seam Tape or 3-course using Firestone Acrylic Patching Cement and Firestone Polyester Fabric. Coat the Firestone Elastomeric Seam Tape with Industrial Elastomeric Roof Coating within twenty-four (24) hours of installation extending 2" on either side of the tape. Allow repair detail to dry a minimum of 24 hours prior to installing the Firestone Aluminum Roof Coating.
8. Do not apply Firestone Aluminum Roof Coating when the ambient temperature is below 50 °F (10 °C) or when rain is imminent.
9. Mix coating thoroughly before and during application.
10. Apply Firestone Aluminum Roof Coating with a soft brush, roller or airless sprayer.
 - a. Airless sprayers must be capable of producing a minimum of 2,800 psi. The spray tip in use should be a reversible with a 0.035" aperture, without a diffused pin, and produce a fan angle of 60°.
 - b. Use rollers with a 3/4" to 1" (19.1 to 25.4 mm) nap to apply Firestone Aluminum Roof Coating.
11. Aluminum Roof Coating drying time requirements:
 - a. The drying time is dependent upon ambient temperature and humidity. Low temperatures and high humidity will prolong drying time.
 - b. Allow to dry a minimum of six (6) hours before exposure to rain, heavy dew or freezing temperatures.

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- c. Allow to dry a minimum of three to five (3 to 5) days between coats and before foot traffic.
- 12. Inspect the completed application and correct any defects.

Storage:

- Store Aluminum Roof Coating between 60 °F and 80 °F (15.6 °C and 26.7 °C).
- For optimum results, rotate stock to ensure stored material has not exceeded the shelf life of one (1) year.

Shelf Life:

A shelf life of one (1) year can be expected when coating is stored in the original, unopened container at temperatures between 60 °F and 80 °F (15.6 °C and 26.7 °C).

Coverage Rate:

To accommodate for corrugated and irregular metal surfaces, multiply the square foot area by 1.15 (minimum) to provide actual surface area to be used when estimating quantities based on the below coverage rates.

- 2.0 gal per 100 ft² or 50.0 ft²/gal (1.2 m²/L)

Clean-Up:

Clean up with mineral spirits.

Precautions:

1. Consult Material Safety Data Sheet (MSDS) prior to use.
2. Roof slope must be 1/4" per foot or greater.
3. Do not allow Firestone Aluminum Roof Coating to freeze.
4. Do not apply when rain is imminent or ambient temperature is below 50 °F (10 °C).
5. To prevent spills and product thickening, cover all containers tightly when not in use.

LEED® Information:

Post Consumer Recycled Content: 0%
 Post Industrial Recycled Content: 0%
 Manufacturing Location: Greensboro, NC



Physical Properties (Meets ASTM D 2824, Type III)

<u>Property</u>	<u>Typical Performance</u>
Base:	Asphalt
Color:	Silver
Weight per Gallon:	9.1 lb/gal (1,090 g/L)
Solids by Weight:	60 ± 2%
Solids by Volume:	44 ± 2%
Viscosity at 77 °F (25 °C):	115 to 125 KU
V.O.C. Content:	3.6 ± 0.08 lb/gal (435 ± 10 g/L)
Specific Gravity:	1.093
Solvent:	Mineral Spirits

Please contact your Firestone Roof Systems Advisor at 1-800-428-4511 for further information.

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