

## Firestone Aluminum Fibered Roof Coating

### Item Description

Aluminum Fibered Roof Coating (5 Gallon Pail)

### Item Number

W70RACAFR5



Meets or exceeds the performance requirements of ASTM D 2824, Type III.

### Product Information

#### Description:

Firestone Aluminum Fibered Roof Coating is a premium, fibered roof coating consisting of high-quality oxidized cutback asphalt, non-asbestos reinforcing fillers and premium aluminum pigments which flake and float to the surface upon application. Firestone Aluminum Fibered Roof Coating features high reflectivity for energy-efficiency.

### Product Packaging

Pail Volume:	5 gal (18.9 L)	Pails per Pallet:	36
Pail Weight:	42 lb (19 kg)	Weight per Pallet:	1,562 lb (710 kg)
Pail Coverage:	250 ft <sup>2</sup> (23.2 m <sup>2</sup> ) – 500 ft <sup>2</sup> (46.4 m <sup>2</sup> ) depending on surface texture		

#### Method of Application:

1. Substrate must be clean, dry and free of foreign materials such as oil, grease, and contaminants. If coating an existing weathered surface, the surface should be cleaned with pressure washers to remove loose dirt and allowed to dry.
2. **Mix contents thoroughly** to ensure complete dispersion of aluminum pigments. For best results, apply on a warm, sunny day, 60 °F (16°C) or above, with no forecast of rain within 24 hours.
3. Use directly from the container and **DO NOT THIN**. Pour Firestone Aluminum Fibered Roof Coating out of the container in small amounts and brush in parallel strokes to form an even layer. Over-brushing causes some of the aluminum sheen to lessen, reducing reflective qualities. Repeat as necessary to ensure complete coverage.
4. Secure the cover of the can when not in use.

#### Storage:

All material should be stored out of the weather in a clean, dry area in its original unopened packaging at a minimum of 60 °F (16 °C) and a maximum of 80 °F (27 °C).

#### Precautions:

- Refer to Safety Data Sheet (SDS) for safety information.
- **Caution! Flammable!** Keep away from fire and other sources of ignition during storage. Always keep ample fire extinguishing equipment near any area of application.
- Avoid skin contact and inhalation of vapors. Always work in well-ventilated areas with proper clothing and safety equipment.
- Prevent fumes from entering rooftop air handling units.

#### Shelf Life:

A shelf life of 3 years can be expected when the coating is stored in its original sealed containers at temperatures between 60 °F and 80 °F (16 °C and 27 °C).

# TECHNICAL INFORMATION SHEET

## Firestone Aluminum Fibered Roof Coating

### Coverage Rate (varies depending on surface texture)

BUR:	1.3 – 2 gal/100 ft <sup>2</sup> (0.5 – 0.8 L/m <sup>2</sup> )
APP Smooth:	1 – 2 gal/100 ft <sup>2</sup> (0.4 – 0.5 L/m <sup>2</sup> )
APP/SBS Granulated:	1.3 – 1.7 gal/100 ft <sup>2</sup> (0.5 – 0.7 L/m <sup>2</sup> )

### LEED® Information:

Post Consumer Recycled Content: 0%  
 Post Industrial Recycled Content: 0%  
 Manufacturing Location: Detroit, MI  
 \*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.



### Physical Properties- Meets ASTM D 2824, Type III. Tested in accordance with D 6511.)

Property	ASTM Standard Required Value	Firestone Typical Performance
Water, max:	0.3%	0.3%
Nonvolatile matter (NVM), min:	40%	40%
Insoluble in CS <sub>2</sub> , max:	50% of NVM	50% of NVM
Metallic aluminum, min:	9%	14.7%
VOC:	n/a	297 g/L
Viscosity @ 77 °F (25 °C):	n/a	75 cP
Density:	n/a	8.5 – 9.0 lb/gal (1.01 – 1.08 kg/L)
Flash point, min:	n/a	100 °F (38 °C)

### Radiative Properties

Cool Roof Rating Council (CRRC):	Aluminum Fibered Roof Coating: Initial / 3 yr
Solar Reflectance	0.67 / 0.52
Thermal Emittance	0.38 / 0.49
Rated Product ID	0013
Licensed Manufacturer ID	0608
Solar Reflectance Index (SRI)*	66 / 45
* SRI calculated using the ORNL (DOE) calculator, ASTM E 1980-01	

Please contact Quality Building Services Technical Department at 1-800-428-4511 for further information.

*This sheet is meant to highlight Firestone products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications or other technical documents, subject to normal roof manufacturing tolerances. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.*