



PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET

Fibered Aluminum Coating 110

DESCRIPTION

AWS Fibered Aluminum Coating 110 is formulated using quality-oxidized asphalt, fine grade leafing aluminum pigment with polyethylene fibers. Fibered Aluminum 110 is formulated to provide excellent suspension and maximum reflectivity. The superior U.V. resistance of AWS Fibered Aluminum Coating 110 gives an extremely durable roof coating. Meets ASTM2824.

ADVANTAGES

- Reduces daily expansion and contraction (thermal cycling) of metal roofing.
- Contains strong rust inhibitive pigments.
- Reflects 60% of the heat and harmful UV rays of the sun.
- Excellent reflective properties which helps to reduce cooling costs. Prevents premature degradation.
- Excellent adhesion to various substrates.

BASIC USE

AWS Fibered Aluminum Roof Coating will provide a highly reflective weatherproofing barrier over metal, modified bitumen, and built up roofs. Other surfaces should be tested for adhesion before coating.

INSTALLATION

Surface must be power washed using a detergent to remove dirt, loose coating, excessive chalk, and other foreign matter, which will prevent proper adhesion. Prime rusted metal surfaces before coating. Surface must be dry prior to coating.

IMPORTANT: AWS Aluminum Roof Coating is designed for POSITIVE drainage. Areas that pond water need corrective measures to eliminate the ponding.

Apply with a soft brush, roller or airless spray. AWS Fibered Aluminum Roof Coating applied at 2.25 gallons (36 wet mils) per square, provides a 16 mil dry film coating. This product requires mixing before and during application to insure uniformity of the coating. DO NOT THIN.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.



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TECHNICAL DATA

Vehicle Base:	Asphalt
Weight:	9.2 lbs. per gallon
Solids by Weight (ASTM 2369):	62 ± 2%
Solids by Volume:	45% ± 2%
Aluminum Paste Content:	15%
Viscosity @ 77°F:	120 ± 5KU
1000 Hrs. Accelerated Weathering:	No Cracking or Checking
Dry Film Thickness:	7.2 mils (@1 gal./100 sq. ft. less surface absorption)
Reflectivity:	63%
Therm. Emit:	45%
VOC:	< 425 g/l
Specific Gravity:	1.11
Flash Point:	105°F
Solvent:	Mineral Spirits
Clean Up:	Mineral Spirits
Coverage:	
Smooth Metal:	2.0 gallons per 100 sq. ft.*
Built-Up:	2.5 gallons per 100 sq. ft.*
Smooth Mod. Bit:	2.25 gallons per 100 sq. ft.*
<p><i>*Note: Coverage may vary depending on the actual condition of the surface. The coverage rates shown are intended as minimum application recommendations. Over corrugated and irregular surfaces, allow for additional surface area by multiplying total square feet by 1.15</i></p>	