



# PRODUCT DATA SHEET

## #510 Standard Non-Fibrated Aluminum Roof Coating

### USES

AIM #510 Standard Non Fibrated Aluminum Roof Coating is designed to provide a reflective surface for roofs, metal buildings, tanks and mobile homes. Aluminum pigmented asphalt coatings can substantially reduce interior building temperature and prolong roof service life. If a heavy-bodied longer lasting coating is desired, refer to our AIM #520 Fibrated Aluminum Roof Coating.

### DESCRIPTION

AIM 510 Standard Non Fibrated Aluminum Roof Coating is formulated from specially refined asphalt, aromatic and aliphatic solvents, and ASTM D 962 leafing aluminum paste. Light brushing viscosity allows for quick and economical coverage.

### APPLICATION

Surface to be coated must be dry and free of dirt or corrosion particles. It will be helpful to turn the pails upside down 24 hours prior to application so that the settled aluminum releases from the bottom of the pail. Before mixing pour 50% of the liquid contents into a clean 5-gallon pail. All of the aluminum should remain in the original pail. Mix the aluminum into the liquid contents. When it is free of lumps, add back the liquid from the second pail and mix until uniform. Mechanically mix coating thoroughly and continuously before and during application. Power mixing is recommended, a square bladed drywall mud mixer and 1/2-inch drill is recommended for 5-gallon pails.

Apply evenly with a soft bristle brush or suitable spray equipment at the rate of not less than one half and not more than three quarters of a gallon per 100 square feet. For best results, brush coating in one direction with the slope of the roof. Do not apply over fresh roof repairs or coating. Roofing asphalts, both hot and cold applied, contain oily constituents which may bleed through and stain the finished coating. As this condition is unpredictable, we recommend that the user apply a small amount of #510 to the area of the roof to be coated in order to test its performance. Use #510 as it comes from the container, no thinning is necessary with this product.

\*Roof surfaces must be dry for coating application. Even when the surface appears dry, moisture trapped in the roof, deck or insulation. A moisture scan is recommended prior to application. Application of this coating within 5°F of the dew point is not recommended. For more information on dew point calculation, see Tools at [aimbuildingmaterials.com](http://aimbuildingmaterials.com).

### CAUTION: COMBUSTIBLE LIQUID AND VAPOR

Contains petroleum distillate. Harmful or fatal if swallowed.

Vapor harmful. May affect the brain or central nervous system causing dizziness, headache, or nausea. Causes nose and throat irritation. Causes eye irritation. Causes skin irritation. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Keep away from heat and open flame. Use only with adequate ventilation. Do not breathe vapors. If you experience eye watering, headache, or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

### KEEP OUT OF REACH OF CHILDREN.

**First Aid:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately.

If spilled, contain spilled material and remove with inert absorbent.

**Warning:** This product contains a chemical known to the State of California to cause cancer.



## #510 SPECIFICATIONS

### ASTM D 2824 Type I

Viscosity	ASTM D 2196	250 cps
Solids by Weight	ASTM D 1644	56%
Solids by Volume	ASTM D 2697	52%
Weight per Gallon	ASTM D 1147	8.6 lbs.
Reflectivity - Initial	ASTM C 1549	.61
Reflectivity – Aged	ASTM D 1918	.50
Emissivity	ASTM C 1371	.46
SRI	LEED	59
Flash Point	ASTM D 56	103°F / 39°C
VOC Standard	EPA 24	< 450 g/l
VOC #628V (CARB)	EPA 24	<400 g/l

Shelf Life: One year from the date of manufacture.

Clean up with mineral spirits or waterless hand cleaner. Use care when handling solvents.

Container Sizes: 5, 55 gallons

Color: Aluminum

This product is Florida Building Code approved.

Other certifications:



### LIMITED WARRANTY

TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT AS SET FORTH BELOW, SELLER MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE WITH RESPECT TO THE GOODS HEREIN SOLD. THERE ARE NO OTHER WARRANTIES OF ANY KIND EXPRESS OR IMPLIED BEYOND THE TERMS SET FORTH ON THE FACE HEREOF. NO EMPLOYEE OR AGENT OF SELLER IS AUTHORIZED TO ALTER THE TERMS HEREOF.

Seller warrants that this product shall be free of any defect in material or workmanship under normal use for a period of 12 months from the date of purchase. This warranty does not extend to any defect or failure caused by misuse and/or incorrect application.

**LIMITATION OF LIABILITY:** In the event of a defect or failure falling under this warranty, Buyers sole remedy shall be refund of the purchase price or replacement of the defective material, at Seller's option. Under no circumstances shall Seller be liable for any losses or damages caused by this product, whether direct, indirect, special, incidental or consequential damages, whether based on contract, tort (including negligence) or any other legal theory.



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