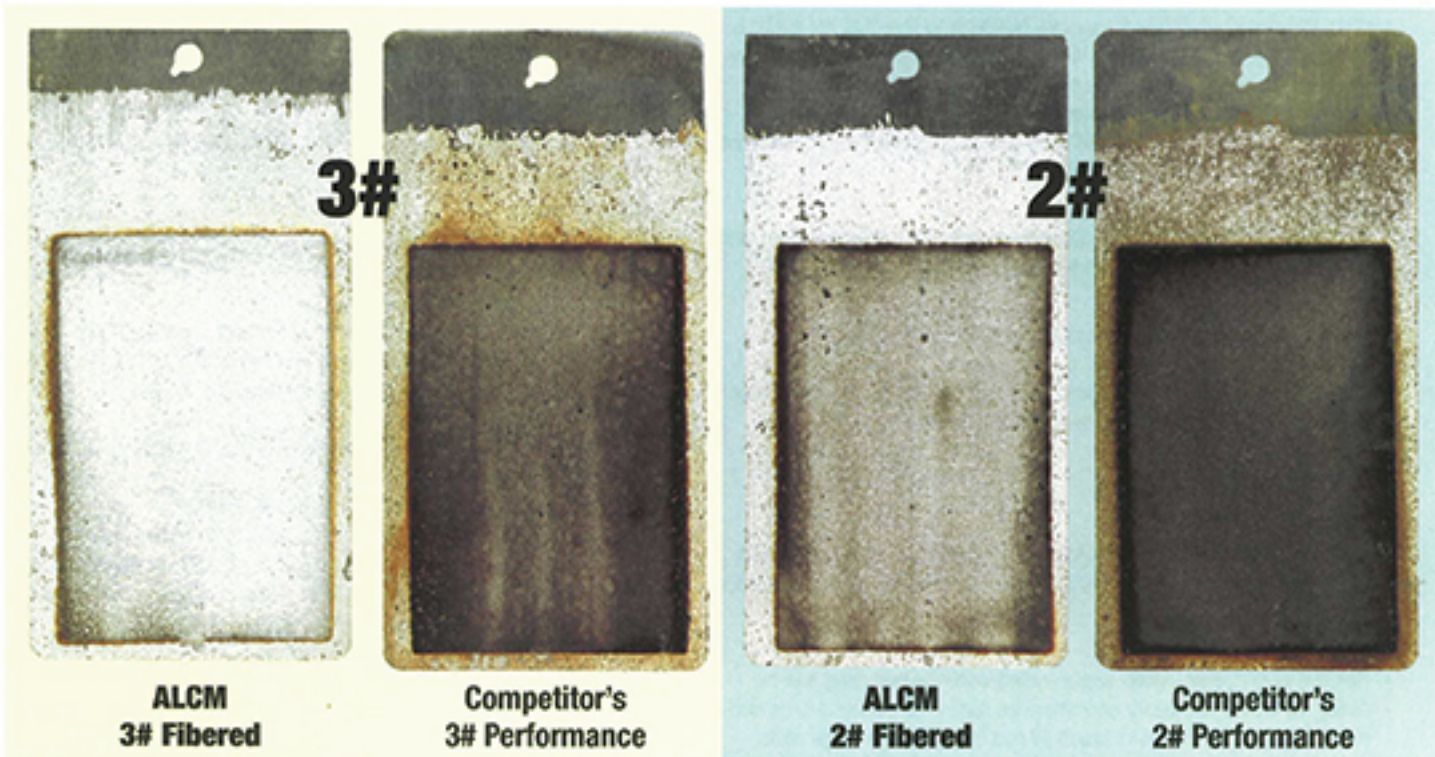


Watch out
for less expensive
low quality brands

ALUMINUM COATING MANUFACTURERS

ALCM Aluminums Age Best

These Test Results on Fibered Aluminum are a Great Reflection on Us!



Brand/Type	Initial Reflectance	Aged Reflectance	Reflectance Loss
ALCM 3# Fibered	68.3%	63.6%	- 4.7%
Competitor's 3# Performance	64.2%	19.0%	- 45.2%
ALCM 2# Fibered	57.9%	39.1%	- 18.8%
Competitor's 2# Performance	54.7%	13.4%	- 41.3%

QUV Weatherometer testing of ALCM 2# and 3# Fibered Aluminum and Competitor's Fibered Aluminum (2# and 3# Performance). All coatings were brushed out on metal panels and cured outside. Initial reflectivity was then run on all coatings before putting them in the QUV. The panels weathered for 1127.8 hours. This is equivalent to approximately 2 years of aging.



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Alum-Coating™ Aluminum Fibered Roof Coating – 2 lb. and 3 lb.

ALCM 2 lb. high quality or 3 lb. highest quality aluminum reflective coating are both excellent values. Both are manufactured from a blend of premium asphalts and solvents and carefully formulated with select non-asbestos fibers, special fillers, and either two or three lbs. of aluminum paste per gallon. The unique formulation provides a smoother, more even texture as it is brushed on than do most aluminum fibered coatings. When the coating is applied, the aluminum flakes form even, overlapping layers at the surface. This structure protects the coating and the roof surface below as reflective armor from the sun, wind, rain, ice and snow. The 2 lb product meets all requirements, while the 3 lb blend exceeds all requirements of ASTM-D-2824 Type III and TT-C-498C. ALCM uses only high quality Leafing Aluminum Paste that meets ASTM D962 Type 2.

Uses

- As a reflective weatherproof coating which beautifies as it preserves and protects metal, composition, built-up and modified bitumen roofs.

Advantages

- Reduces indoor building temperatures in summer by reflecting the sun's rays.
- It is self-preserving. Its aluminum armor reflects most of the rays of the sun which oxidize and age the asphalt base below.

INSTALLATION

Coverage

- Product will be from 1 to 1.5 gallons per 100 sq ft on metal and 2 to 3 gallons on composition roofs. As a general rule, the smoother the surface, the less material is required.

Surface Preparation

- Remove all dirt, dust, debris and standing water by brooming and by forced air where necessary and where no danger or nuisance is caused to areas adjacent to work. Wire brush all rust or scale from metal roofs. Scrape back to a hard edge all loose or scaled coating. All necessary repairs should be made to existing surface prior to coating. Split seams, blisters, and cracks in existing surface and flashings should be repaired with WEATHERPROOF™ Roof Cement. (See Technical Bulletin Number 2-010R2 for specific repair methods.) Heavily weathered or exposed felt surfaces, as well as concrete, masonry, or weathered metal should receive an application of WEATHERPROOF™ Asphalt Primer (Technical Bulletin 2-006R2) prior to coating. All surfaces must be dry prior to application.

Specifications

	3 lb	2 lb
Percent Solids by Weight – minimum	65%	65%
Percent Solids by Volume – minimum	60%	61%
Weight Per Gallon: Lbs	8.85	8.76
Flash Point – minimum	105°F (SetaC.C.)	105°F (SetaC.C.)
P.H.	N/A	N/A
Viscosity @ 77° F. – average	28,000 cps.	22,000 cps.
Long-Term Service Temperature	-50°F. to +160°F.	-60°F. to +160°F.
Water Resistance: Intermittent Exposure	Excellent	Excellent
Water Resistance: Ponded	Fair	Fair
Solvent Resistance	Fair	Fair
U.V. Resistance	Excellent	Excellent
Reflectivity – Average	69%	63%

Application

- Coating must be thoroughly stirred prior to and occasionally during use. Mechanical mixing, if practical, is recommended.
- Apply by spray with a standard mastic pump and gun sized by a knowledgeable pump dealer for the particular application or by pouring directly from the container and spreading with a soft roofing brush. Brush product out uniformly and evenly, taking care not to overwork it.
- Clean up with mineral spirits, but do not thin the product with this or any other solvent.
- If the product is difficult to spread in cooler temperatures, warm containers by storing them overnight in a room at 65° to 75° F.

Drying Time

- Four hours to touch at 70° F. & 50% relative humidity. Allow 7 to 14 days before exposure to foot traffic.

Restrictions

- Minimum application temperature is 45° F. and rising.
- Do not apply to areas which pond water; do not use on dead level, tar base, or existing gravel roofs.
- Do not apply to new asphalt roofs which have cured less than 30 days, solvent based asphalt coating less than 30-90 days old, or to asphalt emulsion coatings that have cured for less than 7 days.
- Do not use with PVC film.
- Do not use where material, once applied, may come into contact with potable water.
- Not for use on or with products containing coal tar.
- Do not use on slate shingles or apply directly to wood surfaces.
- Surfaces to be coated must be dry and clean and must remain so for 24 to 48 hours after application. Rain or heavy dew will inhibit the leafing of the aluminum flakes, causing the product to dry brown.
- Not for use over rubber or plastic membranes – asphalt modified only. For exterior use only.

Cautions

- This product is combustible. Keep away from heat, sparks, and open flame. Avoid breathing of vapors. Avoid repeated or prolonged contact with skin. If swallowed, do not induce vomiting. Contact Physician immediately. Keep container closed when not in use. KEEP AWAY FROM CHILDREN. Product label and Material Safety Data Sheet contain further information on the safe use of this product and precautions for the safe disposal of the container. They should be read and understood prior to use.

Packaging Information

Product #	Size	Quantity	Weight
22655 (3 lb.)	55 Gal.	Each	550 lbs.
22605 (3 lb.)	5 Gal.	Each	47 lbs.
22855 (2 lb.)	55 Gal.	Each	540 lbs.
22805 (2 lb.)	5 Gal.	Each	46 lbs.