

SUPER DUTY ALUMINUM PAINT

**REDUCES ENERGY COSTS
PROLONGS ROOF LIFE
BEAUTIFIES PROPERTY**

REDUCES ENERGY COSTS

BLUESTONE SUPER DUTY ALUMINUM is a highly reflective, non-fibrated aluminum roof paint that reflects the radiant heat of the sun. Building interiors stay cooler and more comfortable. The lower temperature means less strain on the cooling system and lower energy costs

PROLONGS ROOF LIFE

By reflecting the harmful rays of the sun, the bitumen underneath is protected from deterioration. The roof will stay flexible and watertight longer than non-aluminized surfaces. BLUESTONE SUPER DUTY ALUMINUM has added plasticizers to prevent cracking during expansion and contraction of the roof.

BEAUTIFIES PROPERTY

Roofs coated with BLUESTONE SUPER DUTY ALUMINUM greatly enhance the appearance of the property resulting in higher resale value. BLUESTONE SUPER DUTY ALUMINUM PAINT contains silicone spheroids, tiny, transparent, hollow glass spheres that provide a more consistent sheen to the roof. Hot spots are eliminated and the reflective, heat dissipating characteristics are more evenly distributed.

ECONOMICAL

The non-fibrated formula contains special reinforced asphaltic bitumens, polymeric resins and plasticizing oils. The coverage rate is between 200 and 300 square feet per gallon. 3 to 4 times that of fibrated coatings!

HOW DOES IT WORK COMPARED TO COATINGS?

The mineral spirits (the carrying agent for the aluminum) in the paint dissolve the top surface of the membrane and then dry within minutes, leaving the aluminum flakes and the glass spheroids bonded directly to the membrane.

Coatings are mostly heavy bodied asphalt with aluminum paste mixed in. The heavy asphalt is the carrying agent for the aluminum. The asphalt base remains on the roof and the aluminum floats to the top. The asphalt coating will soon (3 to 4 years) crack up and flake off **AND IT COSTS MORE!**

WHEN IT COMES TO ALUMINUM ROOF COATINGS * THICKER IS NOT ALWAYS BETTER!

WEAR WARNING BENEFITS

BLUESTONE SUPER DUTY ALUMINUM can be used as a wear warning indicator. When originally applied onto a black roof in good condition, and the aluminum starts to wear off, it is a sign that the roof needs a recoating of BLUESTONE SUPER DUTY ALUMINUM PAINT to retain energy efficiency.

SURFACE PREPARATION

Roofs to be treated with BLUESTONE SUPER DUTY ALUMINUM should be fully cured, dry and free of dust, dirt, oil, grease or other deposits. Solvent based asphalt coatings should be allowed to cure for at least one full year. Water based emulsions should be allowed to cured at least 30 days. BLUESTONE PREMIUM ROOFING SYSTEM membranes should cure for 2 weeks.

APPLICATION

Do not thin. A thorough mixing is required to keep the aluminum flakes in suspension. Apply with brush roller or spray at a rate of approximately 300 square feet per gallon. Avoid spraying on windy days or near the edges of the roof where spray may become airborne.

Use on BLUESTONE PREMIUM ROOFING SYSTEMS and smooth asphalt roofs that do not pond water. Stir occasionally during use.

LIMITATIONS

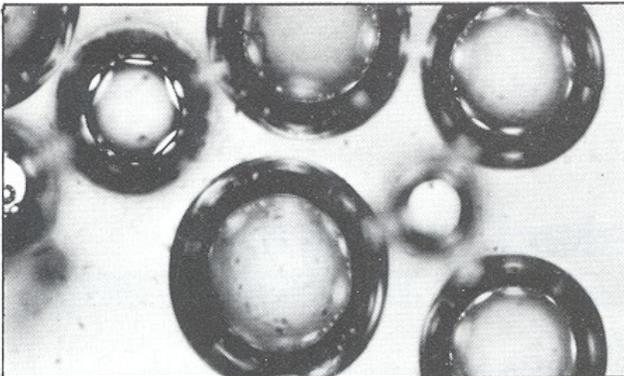
BLUESTONE SUPER DUTY ALUMINUM PAINT should not be used on coal tar roofs or roofs that pond water.

TECHNICAL DATA

Flash point (ASTM D93) Minimum -----	105oF. (41oC.)
Weight per gallon-----	8.3 lbs. (1kg. per liter)
Dry time at 77oF. (25oC.)-----	4 hours
Viscosity at 80oF. (27oC.) - ASTM D62-----	65 KU
Non Volatile-----	65% minimum
Polished Aluminum leafing paste-----	30%
Service temperature -20 degrees F. to +230 degrees F. (-29 degrees C. to +110 degrees C.)	
Resistance to sunlight-----	EXCELLENT
Effect of weathering-----	Slow erosion
Effect of weathering under good drainage conditions-----	EXCELLENT
Shipping weight: 5 gallon pail (19 liters)-----	43 lbs.

SUMMARY

- BLUESTONE SUPER DUTY ALUMINUM provides energy savings and longer roof life.
- Keeps interior building temperatures cooler.
- Reflects the harmful rays of the sun.
- Aluminum flakes leaf like fish scales for excellent UV protection.
- Reduces deterioration of underlying bitumen.
- Contains silicone spheroids for added reflectivity and heat dissipation.
- Economical:200 to 300 square feet per gallon.
- Beautifies buildings for higher resale value.



The Bluestone Super Duty Aluminum paint reflects UV rays and lowers the temperature of the roof.

Silicon Spheroids (shown here enlarged 400 times) help even out reflectivity and dissipate heat. These are the same glass beads used on movie screens for high reflectivity.

100 to 160 degrees F.
ORDINARY UNPAINTED ROOF

60 to 110 degrees F.
ROOF COATED WITH BLUESTONE SUPER DUTY ALUMINUM PAINT



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Keep the old as long as it is good and take the new as soon as it is better.