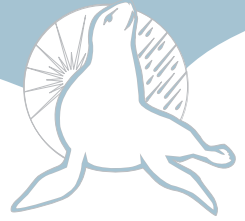


Energy Seal Coatings

Liquid Applied, Fully Adhered Roof and Wall Solutions

Silver Shield

Asphalt based aluminum roof coating



DESCRIPTION

Silver Shield Roof Coating is formulated using quality-oxidized asphalt, fine grade leafing aluminum pigment with polyethylene fibers. Formulated to provide excellent suspension and maximum reflectivity. The superior U.V. resistance of Silver Shield Roof Coating gives an extremely durable roof coating. Meets ASTM D-2824

USES

Silver Shield Roof Coating will provide a highly reflective weatherproofing barrier over built-up, modified bitumen, and metal roofs; as well as sidewalls. Other surfaces should be tested for adhesion before coating.

FEATURES & BENEFITS

- ✓ Excellent solar reflectance, 64%
- ✓ Industry leader in thermal emittance, 43%
- ✓ One-coat application without the need of a rust primer
- ✓ Provides a durable waterproof barrier over metal, modified bitumen, and built-up roofing
- ✓ High quality natural and synthetic fibers, contains NO ASBESTOS or glass fibers
- ✓ Superior aluminum pigment
- ✓ Protects against mild acid and alkali vapor and condensation
- ✓ Can be applied in colder temperatures than water-based coatings
- ✓ Formulated to provide excellent suspension and solar reflectance
- ✓ Superior UV resistance
- ✓ Meets ASTM D-2824

PREPARATION

Surface must be power washed using a detergent to remove dirt, loose coating, excessive chalk, and other foreign matter, which will prevent proper adhesion. Rust must be wire brushed prior to application. Surface must be clean and dry prior to coating. IR scan is suggested for flat roofs to determine moisture content prior to application of Silver Shield.

Confirm that the surface to be coated has positive drainage. Ponding areas must be corrected to insure positive drainage before application of Silver Shield. All new asphalt built-up roofing must be allowed to weather a minimum of 90 days. Aged BUR and Mod. Bit. May need to be primed with Re-New It primer.

APPLICATION

Apply with a soft brush, roller or 2000 - 3000 psi airless, 2 gpm with a .043 tip.

Silver Shield Roof Coating is to be applied at 2.25 gallons (36 wet mills) per square, two coats. This will produce a 16 mill dry coating. Silver Shield requires mixing before and during application to insure uniformity of the coating.
DO NOT THIN.

Silver Shield

V.O.C.
<425g./lit.

Manufactured by Advanced Coating Systems, Inc.

www.energy-seal.com

Seal It. Conserve It. Protect It.

800-587-3758

Silver Shield

Technical Data

Color:	Bright aluminum
Viscosity:	Min. 125KU @ 25°C / 77°F
Density, lb./gal:	9.2 ± .1
Aluminum paste content:	15%
Percent Solids by Volume:	45 ± 2%
Percent Solids by Weight:	66 ± 2 %
Flash Point:	40°C/ 105°F
Flexibility (@32°F & 180°F):	Passes
1,000 hrs. accelerated weathering:	No cracking or checking
Dry film thickness, at 1 gal./ 100 square feet, less surface absorption:	7.2 mils
Reflectivity:	64 %
Thermal emittance:	45%
Recommended Coverage: <i>Coverage may vary depending on surface condition. The coverage rates shown are intended as minimum application recommendations.</i>	Smooth metal – 2 gal. per 100 sq.ft. Smooth Built-up/ Mod. Bit. – 2.5 gal. per 100 sq.ft. <i>Two coats are recommended</i>
Recommended Coverage:	As needed.
Min. Surface Application Temp:	10°C / 50°F. Do not allow to freeze.
Drying Time:	24 hours @ 25°C / 77°F, 50% relative humidity.
Clean-up Tools:	Mineral spirits, Paint Thinner
Packaging:	5 gallon buckets & 55 gallon drums

When installed properly, this product can help reduce energy costs. Actual savings may vary based on geographic location and individual building characteristics.

CAUTION: Do not apply within two hours of sunset, rain, fog or freezing temperatures. All coatings must be completely dry before exposing to water or foot traffic. Keep all containers covered when not in use. Dispose of all containers in accordance with state and local environmental regulations. Keep away from children. If ingested, DO NOT induce vomiting. Call Physician immediately.

Our technical data and suggestions are based on information from laboratory and field testing which we believe to be reliable and correct. However, the accuracy and completeness of said tests are not guaranteed and not to be construed as a warranty, either expressed or implied. Since the use of the material is beyond manufacturer's control, buyer assumes all risk whatsoever as to their use or results obtained. We guarantee our products conform to Advanced Coating Systems, Inc. quality control. Advanced Coating Systems, Inc. warrants only the standard quality of material. Advanced Coating Systems, Inc. sole responsibility shall be to replace that portion of our product, which proved to be defective. Installer is responsible to test adhesion and product compatibility with substrate of all Energy Seal Coatings products prior to application.