

SILVER FILM™

Tough Reflective Coating



DESCRIPTION

SILVER FILM is a single component, liquid applied, bright aluminum solar reflective coating that will maintain its reflective qualities for many years. It is a high solids, thermoplastic resin based product that maintains superior adhesion to most metals as well as asphaltic, or coal tar pitch roofs. SILVER FILM is highly effective for either pitched or flat surfaces where ponded water conditions occur.

SILVER FILM is significantly different to other aluminum colored roof coatings. It contains no asphalt, no fillers and uses high quality automotive grade flake pigment. At 3.5 pounds of aluminum metal flake per gallon it produces a layer of protective metal composite that can provide 7 to 10 years of protection in a single coat.

OUTSTANDING FEATURES

- Can be used over BUR, rubber, steel, aluminum, previously painted surfaces, and others
- Reflects 73% of solar heat and protects substrate against rust, corrosion, UV damage and acid rain
- Easy to apply straight out of the container by brush, roller or airless spray
- May be applied over rusted and corroded metals

- Single component, solvent-based formula allows for application in a wide temperature range
- Reduces the intensity of roof deck expansion and contraction cycles
- Protects metals with corrosion inhibiting ingredients
- Remains tough at low temperatures and will not flow at high temperatures
- Will not re-emulsify or wash away with rainwater
- Can easily be recoated

APPLICATION

Surfaces to be coated must be clean, dry and free of loose debris, oils, grease and other substances that would interfere with proper bond. Metals should be washed thoroughly to remove flaking rust and salts.

All repairs should be completed prior to the application of the SILVER FILM.

SILVER FILM is applied directly out of the can after 2 minutes of low speed stirring or mixing. Apply the product using a brush, roller, or spray technique at a rate of 350 to 380 square feet per gallon in one single coat. Tools may be cleaned after use with mineral spirits.

LIMITATIONS

Do not apply to wet or frozen surfaces. Surface must remain at least 5°F above Dew Point during the application and curing process. Store out of direct sunlight and away from open flames or other ignition sources. Keep containers tightly sealed when not in use. Shelf life is 24 months when stored in unopened containers.

| SPECIFICATIONS | |
|-----------------------|---|
| Coating | Resin based, air drying thermoplastic |
| VOC | 250 gms/liter |
| Pot Life | Not applicable (single component) |
| Shelf Life | 2 years (unopened) from date of manufacture |
| Recommended Thickness | 3 to 6 mils Dry Film Thickness (DFT) |
| Coverage | Approximately 250 to 300 square ft/gallon, depending upon substrate |
| Packaging | 5 U.S. gallon pails; also available in 1 gallon pails and 55 gallon drums |
| Color | Bright silver |

PRODUCT DATA

SILVER FILM

Tough Reflective Coating



PRECAUTIONS

Read the container label warning and Material Safety Data Sheet (MSDS) for important health and safety information prior to the use of this product.

Keep out of reach of children and pets.

For additional information, contact our Technical Department.

TECHNICAL DATA

| TECHNICAL DATA | | |
|---------------------------------|--|-------------------|
| Initial Solar Reflectance | 73% (White-80%) | ASTM E-903 |
| Solar Reflectance after 5 years | 55% (White-50%) | ASTM E-903 |
| I.R. Reflectance after 5 years | 60% (Black=6%) | ASTM E-408 |
| Viscosity Average @ 70°F | 500 cps | ASTM D-446 |
| Flashpoint | 105° F | FTMS 141A (M4293) |
| Softening Point (R&B) | 240° F | ASTM E-28 |
| Adhesion | 100 psi | ASTM D-903 |
| Total Solids Content | 75% (B.W.); 72% (B.V.) | ASTM D-1044 |
| Specific Gravity | 1.02 | ASTM D-1475 |
| Drying Time | 12-24 hours @ 4.5 mils wet depending upon temperature and humidity | |
| Color | Bright silver, highly reflective | |

NOTICE: The information presented herein is based on tests and data that Andek Corporation believes to be reliable. It is intended for use by technically qualified personnel at their own discretion and risk. Since conditions of handling and use are beyond our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be construed as a license to operate or a recommendation to infringe any patent.

Effective Date: 1/2015

© 2015 Andek Corporation. All right reserved. ANDEK is a registered trademark

ANDEK CORPORATION · 850 Glen Ave · P.O. Box 392 · Moorestown NJ 08057-0392
Tel 800.800.2844 · Fax 856.786.0580 · www.Andek.com