

CAPSILVER

SOLAR REFLECTIVE BITUMINOUS COATING

DESCRIPTION

CAPSILVER is a proprietary mixture of special asphalts, petroleum spirits and high grade aluminum pigments that are carefully blended to produce a long lasting highly reflective coating. It contains no fillers or fibers.

FEATURES

CAPSILVER is the leafing aluminum paste present in **CAPSILVER** forms parallel layers of aluminum flakes with a thin cement of vehicle between each layer, and in the top layer the flakes form a brilliant continuous film of metallic aluminum. Therefore it makes gas, moisture and light being impossible to penetrate through the surface. It has strong protective and durable qualities.

ADVANTAGES

- Easy to apply; require no heating or thinning.
- Provides a high reflective film, reflecting harmful sun rays, thus prolonging the life of bitumen roofs.
- Low thermal conductivity, saving in heating and cooling costs.
- Pliable and flexible.
- Provides a durable and aesthetically pleasing silver finish.

TYPICAL PROPERTIES

Specific gravity:
0.95- 1.00 at 25⁰C.

Viscosity:
Min. 250 cps; 16/8R, 60 rpm; Brookfield.

Drying time:
2 to 3 hours at 25⁰C for touch dry.

Overcoating time:
24 to 36 hours at 25⁰C.

Adhesion to dry surfaces:
Excellent.

Non-volatile matter:
55 to 62% by weight.

Volatile matter:

38 to 45% by weight.

Service temperature range:

-5 to 60⁰C.

Dry film thickness:

0.55mm at the application rate of 1 ltr/m².

Resistance to organic solvents:

Poor.

COVERAGE RATE

Approx. 5-6 m²/litre on metal, wood or smooth bituminous surface.

Approx. 3-4 m²/litre on granule, rough or concrete surfaces.

DIRECTIONS FOR USE

Surface Preparation:

Thoroughly clean the surface to be coated. All dirt, dust, scale, loosely adhered coating and rust must be removed and the surface must be dry before coating on old metal or galvanized steel. Remove rust and scale by wire brush.

Method of application:

CAPSILVER can be applied with brush, roller or spray to sound, clean dry surface. Allow to air dry until dry to touch.

CLEANING OF TOOLS

Clean tools with a suitable organic solvent, recommended kerosene. Clean hands with cleanser followed by soap and water.

PACKAGING

CAPSILVER is supplied in 15 kg pails.

STORAGE

Preferably store in sealed conventional containers, protected from extreme weather conditions. Mix well before use, if stored for a long time.

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SAFETY PRECAUTIONS

Contains petroleum solvents, flammable, keep away from open fires, sparks or other ignition sources. Wear protective clothing, gloves and goggles.

- Flammable when wet.
- Avoid repeated or prolonged contact. In case of contact use a suitable hand cleanser that remove oil and grease followed by cleaning with soap and water.
- Avoid contact with eyes, causes irritation. In case of contact, flush with clean water.
- Inhalation can cause dizziness. Remove the person to fresh air and if breathing difficulty persists administer oxygen.

Rev. 01 August 2008

TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

Note : The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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