CAPSILVER
SOLAR REFLECTIVE BITUMINOUS COATING

DESCRIPTION
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
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 25°C.

Viscosity:
Min. 300 cps; Brookfield.

Drying time:
2 to 3 hours at 25°C for touch dry.

Overcoating time:
24 to 36 hours at 25°C.

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 60°C.

Dry film thickness:
500μm 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.
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.

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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