



SILVACOTE

Bituminous aluminium reflective coating

DESCRIPTION

Silvacote is a thin, bituminous based aluminium protective coating of brushing consistency that dries to a silvery finish.

USES

Silvacote is a light/heat reflective coating that will provide protection against solar degradation and heat gain.

It is suitable for use over bituminous coatings, aged asphalt and primed steel. It is not suitable for direct application to expanded polystyrene.

PREPARATION

Ensure the surface is structurally sound, clean, dry and free from surface contaminants such as grease, rust and dirt. If necessary remove any organic growth i.e. moss or lichen with Fungicidal Wash. If the surface is still dusty after cleaning, or covered with weathered bitumen, prime with Super Penetration Primer and allow to dry.

APPLICATION

STIR VERY THOROUGHLY BEFORE USE. Do not thin. Apply immediately and continue stirring periodically during use.

Apply by brush or mohair roller. When brushing, use soft bristle brushes applying the lightest pressure.

Over recently applied bituminous surfaces allow the following minimum periods to elapse after the final coat has dried before applying Silvacote.

hot applied coatings	24 hrs
solvent based coatings	3 days
water based coatings	14 days

Apply two coats, the second coat should be applied as soon as the first coat is dry.

Over bituminous surfaces apply the thinnest coat necessary to obliterate the black colour of the bitumen coating for the first coat. The second coat should also be thin. Avoid the formation of pools.

Do not apply when rain, frost or overnight dew are expected before the coating is fully dry, as bronzing of the surface may result if these conditions are not observed.

When applying to large areas on bright days it is advisable to wear polarized sunglasses to reduce glare.

SAFE HANDLING PRECAUTIONS

Flammability: Flammable

Keep away from sources of ignition including pilot lights and sparks (see Note). Take precautionary measures against static discharge. Keep containers tightly closed when not in use.

DO NOT SMOKE.

If used in an enclosed space ensure thorough ventilation of the area (using flame proof mechanical blowers if necessary) to avoid any accumulation of vapour until the product has dried. In case of fire use dry powder, carbon dioxide (CO₂), foam, sand or earth. Never use water as this may spread the fire. Note: Electric motors, light/power switches and steel tools may generate sparks sufficient to ignite the product or its vapour, resulting in an explosion and/or fire.

Skin Contact: Occasional contact is unlikely to have any adverse effect except on sensitive skin. Avoid contact by careful working and use of barrier cream on hands, arms and other exposed areas or wear gloves. Remove skin contamination immediately with a proprietary hand cleaner and wash with soap and water.

Eye Contact: Avoid contact. Could have an irritating effect. In the event of accidental contact, wash eyes immediately with clean water for 15 minutes and obtain medical attention.

Inhalation: Contains solvent. Stand upwind of the work to avoid inhalation. Switch off all working ventilation inlets prior to using the material; leave covered until there is no odour of the solvent in the vicinity. In the event of discomfort as a result of inhalation move person to fresh air. If discomfort persists obtain medical attention.

Oral ingestion: With proper handling this should not occur. The possibility can be minimised by not consuming food in the working area and by washing hands thoroughly before eating, drinking or smoking.

Spillage: Spilt material should be mopped up immediately with an inert absorbent material, such as sand, and disposed of in accordance with regulations.

Disposal of Containers: Do not leave containers on site where residue could be a hazard to children, animals or the environment. Replace lids securely and remove any containers to a central disposal point.

Cleaning of Tools: Clean with paraffin (kerosene) or white spirit.

Storage: 12 months under good storage conditions in original unopened containers.

Storage Conditions: Containers must be kept sealed and stored under cover away from sources of heat and ignition. Storage temperature should be between 5°C and 35°C.

SILVACOTE

TYPE OF SOLVENT

Petroleum Hydrocarbons

APPROX. FLASHPOINT

40°C Test Method BS2000: Part 170: 1982 [IP 170/75 (81)]

APPROX. SPECIFIC GRAVITY

1.0

APPROX. COVERAGE

100 - 150m² dependent on porosity of substrate.

DRYING TIME

Approximately 1 hour depending on temperature, humidity, air, change and base conditions.

SERVICE TEMPERATURE LIMITS

-30°C to +90°C
[depending on operating conditions]

APPLICATION TEMP. LIMITS

Normally 5°C to 55°C

CHEMICAL & WATER RESISTANCE

Resistant to: water and most salt solutions.
Not resistant to: acids, alkalis and solvents

FIRE RESISTANCE

WET: Flammable
DRY: Will burn slowly

SIZES AVAILABLE

200L, 25L, 5L, 2.5L.



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