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a.b.e.® Construction Chemicals

**silvakote**

## REFLECTIVE BITUMEN-BASED ALUMINIUM PAINT



CONCRETE SURFACES



METAL SURFACES



BITUMEN &  
GALVANIZED SURFACES

WATERPROOFING

### DESCRIPTION

**silvakote** is a one pack, aluminium pigmented bitumen solution.

### USES

UV reflective and protective aluminium paint for exposed concrete and metal roofs, polymer modified bitumen waterproofing membranes, liquid applied bitumen waterproofing and general bitumen coatings.

### ADVANTAGES

- UV resistant.
- Highly reflective.
- Easy-to-apply.

### SURFACE PREPARATION

Any surfaces to be coated with **silvakote** must be clean, mechanically sound and dry. It is recommended that surfaces be checked with a moisture meter before coating.

Steel – should be free of rust and loose material as well as oil, grease and loose paint.

Galvanised steel – should be free of loose paint, grease and in the case of new material, free of anti-white rust treatment.

Bituminous surfaces and sheet waterproofing membranes – should be free of dust, chalking and any other loose material. New bituminous surfaces should weather for 8 weeks before coating.

### BONDING/PRIMING

**silvakote** is normally applied directly to the surface but the following priming systems may be used where conditions so dictate.

Steel – etch primer, like **abe® 4-metal primer**.

Galvanised steel – no priming needed.

Bituminous surfaces – no priming needed except on 'hungry' sheet waterproofing membranes where a coat of **abe® bitu.®prime** must be applied. Bitumen surfaces must be allowed to weather for 8 weeks before coating.

### MIXING

As the aluminium pigment settles very easily **silvakote** must be stirred well before use, using a flat paddle. All settled material must be thoroughly dispersed. Keep **silvakote** well stirred during use.

### TYPICAL PHYSICAL PROPERTIES OF WET MATERIAL

Density (typical)	0.985 g/cm <sup>3</sup>
Drying time @ 25 °C	Touch dry: 1 hour Hard dry: 2 hours
Overcoating time @ 25 °C	Minimum: 2 hours
Flashpoint	38 °C
Consistency	Low viscosity liquid
Volume solids	33%
Not solvent resistant	
Inflammable	
Chalks when exposed to sunlight	
Non-toxic	
Not chemical resistant	

### COLOUR



**COVERAGE**

Steel and galvanised steel: 14 m<sup>2</sup>/1 L @ 60 µm wft, resulting dft: 20 µm.

Bituminous surfaces: 6 - 8 m<sup>2</sup>/1 L.

Minimum 2 coats.

**APPLICATION**

**silvakote** may be applied by conventional spray or by brush or roller. On large applications it is often applied by soft broom or roofing mop. Coverage is very dependent on the porosity of the surface.

**CLEANING**

Tools, brushes and mixing equipment should be cleaned immediately after use and before material has set with **abe® super brush cleaner** followed by washing with soap and water.

**PROTECTION ON COMPLETION**

It may be necessary to apply a further coat of **silvakote** after three years.

**PACKAGING**

1 L, 5 L, 25 L, 200 L containers.

**HANDLING & STORAGE**

This product has a shelf life of 12 months if kept in a dry cool place in the original packaging. In more extreme conditions this period might be shortened.

**CAUTION**

Due to the viscosity and aluminium pigments contained in **silvakote** this product exhibits both high spread and hiding characteristics. Low film build should, however, be avoided in the interests of longevity with due care during installation to apply the specified coating thickness.

**HEALTH & SAFETY**

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The safety data sheet is available from your local **a.b.e.® Construction Chemicals** branch.



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DATE UPDATED: 01/03/16