



# Aluminium Solar Protector

## SILVACOTE SOLAR REFLECTIVE ROOF COATING

TECHNICAL SHEET NO: TDS00407 09/01/2026

### SMART ADVANTAGES

- Solar reflective coating
- Reflects light & heat to reduce heat absorption
- Protects bitumen coatings to extend roof life

### DESCRIPTION

Bostik Aluminium Solar Protector is a high-performance, bituminous-based solar reflective coating designed for application over bituminous roof coatings, aged asphalt and primed steel substrates.

Formulated with aluminium flakes, it provides superior reflectivity to minimise solar heat absorption and reduce thermal stress, reducing UV degradation and extending the service life of underlying bituminous coatings. The product is of brushable consistency and cures to a durable, silvery finish.

### TECHNICAL CHARACTERISTICS

<b>Colour</b>	Black upon opening, bronze surface once thoroughly stirred, silver on drying
<b>Form</b>	Liquid
<b>Specific gravity</b>	1.0 approx.
<b>Composition</b>	Filled bitumen solution in white spirit
<b>Application temperature</b>	+5°C to +30°C
<b>Service temperature</b>	-10°C to +85°C (depending on operating conditions)
<b>Drying time</b>	Approx. 2 hours (depending on coating thickness, ambient temperature and humidity)

### COVERAGE

- 4 to 6m<sup>2</sup> per litre, per coat (depending on substrate, application technique and performance requirements)

## APPLICATION

**IMPORTANT:** Before using Bostik Aluminium Solar Protector, refer to the relevant Health & Safety Data Sheet, available at [www.bostik.com/uk](http://www.bostik.com/uk).

## PREPARATION

- Ensure the roof surface is structurally sound, clean, dry and free from dust, dirt, oil, grease, loose material, rust, paint and other surface contaminants.
- Remove any organic growth i.e., moss or lichen with Bostik Fungicidal Wash and allow to dry.
- 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.
- Bostik Aluminium Solar Protector can only be applied to surfaces which are completely dry and great care must be taken to ensure that when applied to bitumen felt, no moisture is contained within the felt.
- Any blisters in existing felt should be split, allowed to dry, rebonded and sealed. Any cracks, defective upstands or splits must be made good using Bostik Bituminous Mastic (see separate technical data sheet).
- Porous or dusty surfaces, or surfaces covered with weathered bitumen should be primed with Bostik Penetration Primer (see separate product data sheet). Allow the primer to dry overnight before applying Aluminium Solar Protector.

## APPLICATION

- Take care when opening the lid.
- Stir thoroughly before use. Solids will drop to the base of container in storage and require thorough mixing to the bottom of the container for 10 to 15 minutes before application to obtain a uniform silver colour.
- Do not thin. Apply immediately and continue stirring periodically during use.
- Apply two thin coats of Bostik Aluminium Solar Protector with a brush or mohair roller. When brushing, use soft bristle brushes, applying the lightest pressure. Where possible, we recommend using disposable brushes for the application of Bostik Aluminium Solar Protector.
- The second coat should be applied as soon as the first coat is dry.
- When applying over recently applied bituminous coatings, allow the following minimum times to elapse after the final coat has dried before applying Bostik Aluminium Solar Protector:  
Hot applied coatings: 24 hours  
Solvent-based coatings: 3 days  
Water-based coatings: 14 days
- Over bituminous surfaces, apply the thinnest coat necessary to fully cover the black colour of the bitumen underneath. The second coat should also be thin and applied at right angles to the first. Avoid the formation of pools.
- When applying to large areas on bright days it is advisable to wear polarized sunglasses to reduce glare.

## CLEANING

- Clean tools and equipment with white spirit immediately after use. Dried product is difficult to remove.

## STORAGE

- Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 24 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +25°C, out of direct sunlight and away from sources of heat and ignition. Protect from frost.

## PRECAUTIONS IN USE

For external use only.

Do not apply over roof lights, glass or windows. Coating clear glass, or clear plastic roofs, or roof-lights might constitute a hazard. Do not use with, or over tar-based products. If unsure contact Technical Services about how you can identify the roofing substrate.

Colour indicated on pack is a guide only. It is recommended that users apply a small amount of Bostik Aluminium Solar Protector in an inconspicuous area and allow to dry to determine colour suitability before commencing work. Shade variations may occur between batches. When completing projects requiring multiple tins, please ensure that they are from the same batch number.

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit [www.bostik.com/uk](http://www.bostik.com/uk) for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik Aluminium Solar Protector, available at [www.bostik.com/uk](http://www.bostik.com/uk).

## PACKAGING

<b>Product codes</b>	30812224	5kg tin x 4
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