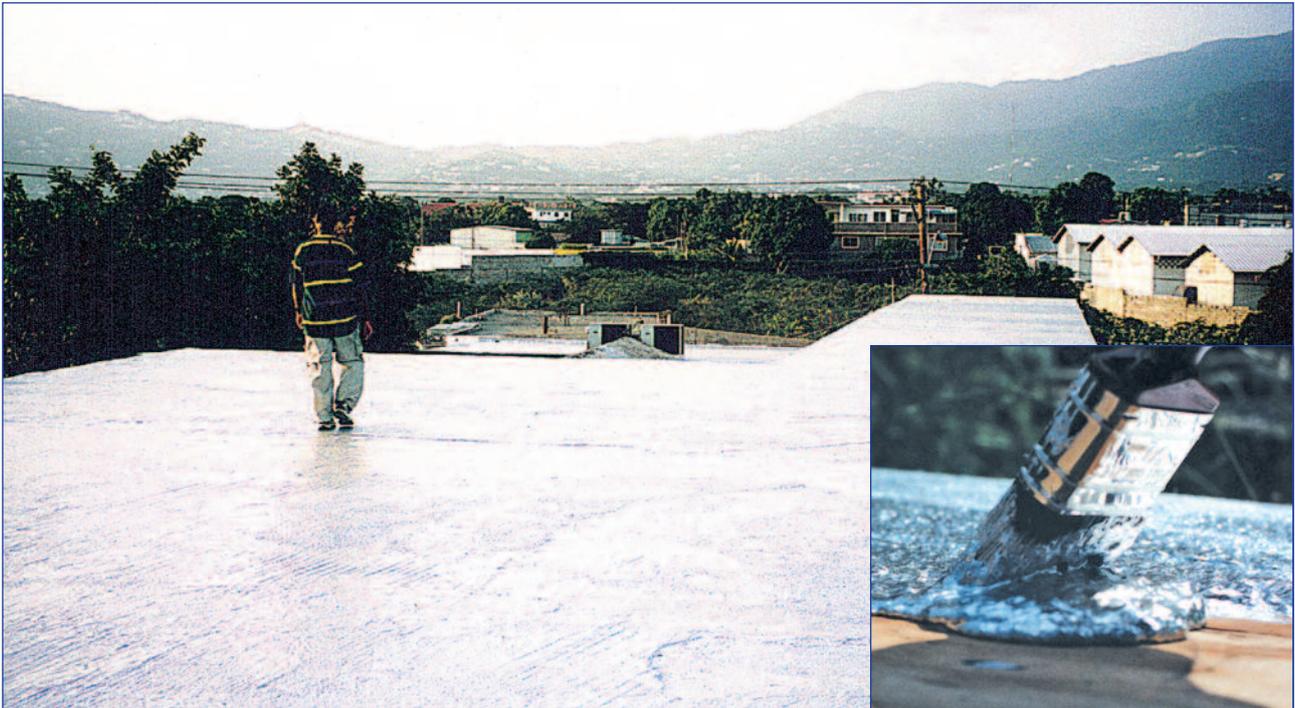


Solarflex PG

Premier Grade solar reflective butyl formula waterproof roofing compound



“maintenance made easy”



PRODUCT DESCRIPTION

Solarflex™ PG is a bitumen based asbestos free waterproofing compound containing high grade mineral fillers, synthetic rubber polymers and a high percentage of aluminium flake. Its specialist formulation incorporates butyl rubber to achieve extra flexibility and strength. Solarflex™ PG forms an effective barrier against moisture, UV light and excessive interior heat gain, also reducing interior heat loss during winter.

TYPICAL USES

The heat-reflective properties of Solarflex™ PG make it ideal for assisting in interior climate control in both storage and working environments all year round, especially in applications where effective waterproofing is also required. Its enduring butyl rubber formulation makes Solarflex™ PG the ideal choice for long term protection.

SUITABLE SUBSTRATES

Solarflex™ PG may be applied to asphalt, bitumen, felt, asbestos, concrete, roofing tiles, slate, brick, stone, cast iron, galvanised steel, aluminium, lead, zinc and glass. Not recommended for wooden surfaces, tanking or fishponds.

COLOUR

Solarflex™ PG is silver-grey in colour.

PACKAGING

Solarflex™ PG is supplied in 25.0 litre drums.

DIRECTIONS FOR USE

SURFACE PREPARATION

THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.

All necessary repair work should be carried out prior to application of the coating and the prepared surface should be clean, sound and free of flaking or loose material, moss or fungal growth.

Due to the wide variation in roofing materials and conditions, the following are generalised recommendations only. Please contact the Polycote technical helpline if more specific guidance is required for your application.

Moss, lichen and fungal growth – remove by stiff broom or jet washing, then treat the area with Polycote Destroy IT to inhibit further growth – see the relevant Data Sheet.

Porous surfaces – seal first with Polycote Roof Primer – see the relevant Data Sheet.

DIRECTIONS FOR USE Cont.**Asphalt, bitumen and felt roofs –**

remove all chippings. Blisters in asphalt can generally be left in place. Blisters in felt should be cross cut, opened up and refixed using *Wetterflex™ BG* – see the relevant Data Sheet. New asphalt and bitumen surfaces should be allowed to weather prior to application.

Metal surfaces – remove all loose and flaking rust and treat with *Polycote Rustex™* – refer to the relevant Data Sheet. New galvanised steel should be allowed to weather, or may be treated with a suitable primer – please contact Polycote technical helpline.

Gaps, cracks, joints and holes – *Solarflex™ PG* will fill or bridge small cracks up to approximately 1-2mm wide. The use of *Polycote Flexible Membrane* is recommended – see 'Application'. Wide cracks or joints should be raked clean, opened out and filled using *Wetterflex™ TG* (Trowel Grade) followed by the Flexible Membrane procedure.

APPLICATION

Product can settle with time. Stir thoroughly before use with a paddle stirrer on low speed. Apply by brush or squeegee.

Having fully prepared the surface, first fill all gaps, cracks, joints and holes with *Solarflex™ PG* or *Wetterflex™ TG* if wider than 3mm. *Polycote Flexible Membrane* should be used to reinforce repairs over any cracks or joints that are subject to movement. The membrane should be cut to approximately 100mm wide strips of appropriate length and laid into the wet coating over the cracks immediately, stippling with a paintbrush to integrate the membrane into the coating.

After all necessary membranes are embedded, an overall coating may be applied by brush. If this is done immediately, care should be taken

when overcoating the placed membranes to avoid disturbing them. If possible, allow overnight setting of the embedded membranes before overcoating the entire roof surface.

If a second coat is required, this should be applied at right angles to the first. *Polycote Flexible Membrane* may be laid into the entire surface of the wet first coat to reinforce the system. This is then covered and encapsulated by the second coat.

This coating is only valid for applications in the UK.

Minimum finished fall: when using this product it is important that a minimum finished fall of 1:80 is achieved, as stated in BS 6229:2003 (Code of practice for the application of Liquid Applied Waterproofing Systems to flat roofs with continuously supported coverings).

APPLICATION TEMPERATURE

Solarflex™ PG should be applied at a temperature between +5°C and +25°C.

COVERAGE

The coverage per 25.0 litre drum of *Solarflex™ PG* is approximately 25m², depending on the texture and porosity of the surface. When calculating surface areas, allowance must be made for corrugated surfaces.

DRYING TIME

Under normal conditions, it will be touch dry in approx. 6 hours, but 24 hours should be allowed for drying between coats.

CLEANING

Tools and equipment should be cleaned whilst material is still wet using

White Spirit.

Hands and skin should be cleaned immediately with organic hand cleaner.

SHELF LIFE & STORAGE

Shelf life in unopened containers is 24 months, subject to conditions of storage. Store in a cool, dry frost-free environment away from sources of ignition and out of direct sunlight, within the temperature range 5°C to 25°C.

HEALTH & SAFETY

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

ANY QUESTIONS?

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application. Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline
01234 846400

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure for himself that the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

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