

Poloflex™ PG

Product Description

Typical Uses

Direction For Use

Application

Premier Grade butyl rubber formulation roofing compound

Poloflex PG is a bitumen-based asbestos-free, fibre-reinforced water-proofing compound containing high grade mineral and cellulose fillers, synthetic rubber polymers and chemical additives for maximum adhesion. Its specialist formulation incorporates butyl rubber to achieve extra flexibility and strength. *Poloflex* is impermeable to water immediately after application.

Poloflex PG will seal and waterproof almost any flat or pitched roof surface and is sufficiently durable to withstand foot traffic if required.

Suitable substrates: *Poloflex PG* may be applied to asphalt, bitumen, felt, asbestos, concrete, roofing tiles, brick, stone, cast iron, galvanised steel, aluminium, lead, zinc, timber and cement.

Not suitable for polycarbonate roof, fibreglass or over tar-based products.

Colour *Poloflex PG* is black in colour.

Packaging: *Poloflex PG* is supplied in 5L or 25L drums.

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. The surface may be damp but **NOT WET**.

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.

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 re-fixed using *Wetterflex BG* – see 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* and apply *Polycote ZP* (Zinc Phosphate) Primer – refer to the relevant datasheet.

New galvanised steel should be allowed to weather, or may be treated with a suitable primer – please contact the Polycote technical helpline.

Gaps, cracks, joints and holes - *Poloflex 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.

Stir well. Ensure thorough mixing as an unmixed product will result in a poor or non-cure situation. Due to the viscous nature of this product, we suggest using a mixing paddle attached to a drill on a slow speed setting for at least 5 minutes.

Having fully prepared the surface, first fill all gaps, cracks, joints and holes with *Poloflex 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. Each coating must be laid out at no more than 2mm thick.

After all necessary membranes are embedded, an overall coating may be applied by brush. If this is done immediately, care should be taken when over-coating the placed membranes to avoid disturbing them.

Application (cont)

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.

If thinning is needed, use up to 5% white spirit by volume.

Application Temperature

Poloflex PG should be applied at a temperature between 5°C and 35°C.

Coverage

The coverage per 25L drum of *Poloflex PG* is approximately 25m², depending on the texture and porosity of the surface.

When calculating surface areas, allowance must be made for corrugated surfaces.

Pot Life & Curing Times

Poloflex PG will cure in approximately 24 hours.

Touch dry: 3-4hrs at 20°C

Full cure: 24-48hrs

Allow at least 24 hours between coats.

Cleaning

Tools and equipment should be cleaned whilst material is still wet using solvent cleaner or White Spirit.

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

Shelf Life & Storage

Shelf life in unopened containers is 36 months, subject to conditions of storage.

Store in a flammable liquid store.

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 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.