

Polycote® Slip Grip

Product Description

Non-slip coating for areas of severe slip hazards

Polycote® Slip Grip is an easy-to-apply, fast curing, slip resistant coating. It has amazing ageing properties, is UV resistant and is excellent where demarcation is needed. *Slip Grip* can be applied at low temperatures, so that no heating is required, and will cure rapidly providing excellent flexibility even at those low temperatures. *Slip Grip* can be trafficked within one hour and is supplied in a range of colours.

Typical Uses

Slip Grip is supplied in a range of colours making it ideal for use in places where a slip resistant demarcation is needed. *Slip Grip* is typically used on roads, cycle routes, walkways, traffic calming zones, parking bays, and many other areas.

Suitable substrates: *Slip Grip* can be applied to new or old concrete, asphalt, and steel once the surface has been thoroughly prepared.

Colour: *Slip Grip* is available in a selection of 5 standard colours, including mid grey, dark grey, red, green and blue.

Packaging: There are two grades available depending upon the time of year: Winter grade and Summer grade.

Slip Grip Summer: Resin (A) 24.83kg
 Hardener (B) 170g
 Aggregate (C) 5kg

Slip Grip Winter: Resin (A) 24.83kg
 Hardener (B) 250g
 Aggregate (C) 5kg

Direction For Use

Surface Preparation

All surfaces should be free from all contamination such as de-icing salts, grease or oil, any loose or friable particles, moss or algae growth, dirt and frost. New concrete substrates must be a minimum of 14 days old prior to application.

Grease and oil should be removed using our Polycote *Degrease IT*.

CONCRETE: Concrete surfaces must be prepared using mechanical preparation; this can be done with a vacuum assisted shotblaster, floor grinder or equivalent method. Please note that water jetting will not key the surface suitably. All repairs should be made prior to application using one of our concrete repair products. We advise that you then prime the surface with one of our Polycote Primers, however this is not essential.

ASPHALT: For applications onto asphalt less than 28 days old, a test area should be carried out; this should cover all variations in the asphalt substrate. A circular area of about 100mm in diameter and about 5mm thick should be laid. Once this has cured, its adhesion should be tested with a hammer and bolster; if the product comes up, the asphalt will have to be left until it is 28 days old. The asphalt can be dried using a hot compressed air lance. The surface will not need priming.

STEEL: The steel should be exposed back to a bright metal – all rust, dirt, oil, grease and contamination should be removed. The steel should be primed, please contact one of the Polycote technical advisers for the correct primer.

Mixing

Having fully prepared the substrate, stir the resin part thoroughly. Settlement will have occurred during storage and transportation and you should continue mixing until the product has fully homogenised.

Add the aggregate and mix until it is totally stirred in.

The next step is to add the hardener - please note that adding the hardener starts the chemical reaction. The application of *Slip Grip* is very fast and everything must be ready to go before you start. The hardener should now be added and mixed until it has dispersed; this should not take more than 1 minute. For best results use a heavy duty slow speed drill with a mixing paddle. Ensure thorough mixing as an unmixed product will result in a poor or non-cure situation.

Application

Application Temperature

Normal application temperature range is between 0°C and 30°C. For applications outside this range please contact Polycote Technical Helpline for further advice.

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Application

The product should be laid at about 4mm using a serrated squeegee followed by a roller. The roller application should be perpendicular to the squeegee application (crossrolled). A medium pile roller should be used which can be supplied by Polycote UK. Once applied allow to fully cure before trafficking.

Pot Life & Curing Time

The pot life and curing times depend on temperature:

Application Temperature	Pot Life	Curing Time
30°C	8 mins	20 mins
20°C	12 mins	40 mins
15°C	15 mins	45 mins
10°C	20 mins	50 mins
0°C	25 mins	60 mins

Coverage

Approximately 9-15 sqm per 30kg unit. The coverage rate will vary depending on the texture and porosity of the substrate.

Cleaning

Tools and equipment should be cleaned whilst resin is still wet with our Solvent Cleaner. Hands and skin should be cleaned immediately with Organic Hand Cleaner.

Shelf Life & Storage

Shelf life in unopened containers is approximately 12 months subject to conditions of storage. *Polycote Slip Grip* should be stored in a cool, dry, frost-free environment away from sources of ignition. Storage temperature must not exceed 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 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.