

Suregrip EP

Extremely hard wearing pure epoxy non-slip floor coating



“maintenance made easy”



PRODUCT DESCRIPTION

Suregrip EP is a twin pack, extremely tough, epoxy resin that is blitzed with an aggregate. Being solvent free, it is non-toxic and non-taint. The aggregate supplied is calcined bauxite – the toughest material under diamonds. It will withstand constant heavy traffic and is chemical resistant.

Suregrip EP can be applied anywhere and is ideal for areas where other non-slip products are not so easy to install. It is particularly good on floor to ramp joints, and stair nosings, especially where the stair is curved or shaped differently to the standard straight edge.

TYPICAL USES

Being solvent-free, taint-free, odourless and non-toxic, Suregrip EP is ideal for creating non-slip surfaces in medical, animal, food processing or working environments. Typical applications include warehouses, factories, showrooms, workshops, laboratories, kitchens and dairies.

SUITABLE SUBSTRATES

Following application of the appropriate primer, Suregrip EP may be applied to old and new concrete, quarry and ceramic tiles, terrazzo, timber and steel.

COLOUR

Suregrip EP is available in aggregate colour.

PACKAGING

Suregrip EP is supplied in pre-measured quantities as a three part 12.5kg unit, comprising a coloured epoxy resin blend Part 'A' and hardener Part 'B' and aggregate.

PHYSICAL PROPERTIES

Compressive Strength	68N/mm ²
Flexural Strength	85N/mm ²
Tensile Strength	45N/mm ²
Elastic Modulus	2.8KN/mm ²

DIRECTIONS FOR USE

SURFACE PREPARATION

THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.

Prior to application of *Suregrip EP*, a suitable primer should be applied.

These include Polycote *EP Primer*, *WD Primer* or *OT Primer*, depending on the type and condition of the surface.

Please contact Polycote Technical Helpline, and prepare the surface in accordance with the appropriate primer data Sheet.

MIXING

Having fully prepared the substrate, stir the individual components before mixing together. Add Part 'B' to Part 'A' and thoroughly mix for at least 3 minutes.

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

Apply by brush, roller or squeegee, making sure that the surface is completely covered, then completely cover the surface of the wet coating with the aggregate supplied.

Particular attention should be given to doorways and other areas of high traffic. When finished, **DO NOT** scrape the remaining contents from the container as this will invariably include unmixed resin.

APPLICATION TEMPERATURE

Normal application temperature is between 10°C and 25°C.

POT LIFE

Suregrip EP – approximately 20-25 minutes at 20°C.

CURING TIMES

Suregrip EP – Initial cure within 8-10 hours depending on temperature.

To ensure a good intercoat chemical bond, overcoat within 36 hours.

Full strength is achieved after 7 days.

COVERAGE

The coverage of *Suregrip EP* is approximately 2.5-5m² per 12.5kg unit, depending on the texture and porosity of the surface, and the film thickness required.

CLEANING

Tools and equipment should be cleaned whilst resin is still wet with 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. Store in a cool, dry, frost-free environment away from sources of ignition.

CE

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Woburn Road Industrial Estate, Kempston,
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13

BSEN 13813 SR B 3.5 – AR 0.5 – IR >4

Resin coating/screed for use internally
as per Polycote data sheet

Wear resistance:	AR 0.5
Bond strength:	B 3.5
Impact resistance:	IR >4

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.

REV: 06/17

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Est. 1991

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