Technical Data

Performance you can trust

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SAFE STEP® Anti-Slip Spray

Part Code: Clear-45000
Pack Size: 400 ml

Description

SAFE STEP® Anti-Slip Spray is developed on a traffic grade epoxy resin to give a fast drying, hardwearing, chemically resistant, slip resistant coating for most types of surfaces.

Features & Benefits

- Easy to apply, no mess, no wastage.
- Ideal for use on steps, walkways, ladders, ramps, floors and much more.
- Suitable for both interior and exterior applications.
- Can be used for all types of pedestrian traffic including barefoot.

Technical Data (Typical)

Colour:	Clear
Resin Type:	Modified epoxy ester
Coverage Rate:	1.5-2.5 m^2
Drying Times at 20°C: Touch Dry: Overcoating: Light Traffic: Heavy Traffic: ASTM D711-84 (Representative of light traffic) Average Drying Times: the figures are given as a guide only. Factors such as air movement and humidity must also be considered	 30-40 minutes 30-60 minutes 12 hours 24 hours 30 minutes
Application Temperature:	5-30°C
Shelf Life:	2 years
Maximum Chemical Resistance:	7 days
VOC (Volatile Organic Compounds)	670g/l

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Pendulum slip Resistance using 4S slider (BS7976) Dry Pendulum Test Values (PTV) Wet Pendulum Test Values (PTV) Oily Pendulum Test Values (PTV)	Slip potential classification 79 (Low slip potential)* 62 (Low slip potential)* 35 (Low slip potential)*
Solvent Resistance after 7 days at 20°C	Resistant to oils, grease, cleaning fluids, petrol, dilute acids and alkalis. Our Technical Department can supply specific advice.
Service Temperature:	Max 80°C
Flexibility (Conical Mandrel ASTM D522/ISO 6860)	Excellent

*Potential to slip as interpreted in the guideline from UKSRG, 2011 recommended by the HSE

Slip potential classification, based on pendulum test values (PTV)	PTV
High slip potential	0-24
Moderate slip potential	25-35
Low slip potential	36 +

Surface Preparation

All surfaces should be clean, dry and dust free before application.

Any surfaces covered in heavy grime/grease, oil, dirt, wax, etc. should be cleaned with a suitable water washable cleaner/degreaser then washed down thoroughly with clean water and allowed to dry.

Steel Surfaces
These should be cleaned thoroughly before application. If possible abrade the surface to provide an improved key for the coating.

Wood
Old wood should be clean, dry and of sound condition. External, new or porous wood should be first treated with a suitable primer before applying the anti-slip coating.

Concrete
The surface should be cleaned thoroughly before use. On new or smooth concrete treatment, with a suitable acid etch solution is recommended.

Painted surfaces
Previously painted or coated surfaces should be cleaned and lightly abraded prior to carrying out a small test area to ensure compatibility and adhesion.

GRP (Fibreglass)
Abrade and remove dust residue from surface. Rinse with clean water and leave to dry before spraying.

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Before Application

Note: SAFE STEP® Anti-Slip Spray may discolour light coloured surfaces.

To ensure an even spray, shake the can until the agitator starts to rattle, then continue shaking for at least 1 minute.

Application

Mask off any surrounding area not requiring coating.

Hold the can 15-20 cm from the prepared surface, press the spray button down firmly and spray in light even strokes from side to side, overlapping the previous stroke with each new stroke to ensure even coverage.

Apply two light coats, waiting 15-30 minutes between coats or until surface is touch dry.

Recoating

Although extremely durable, SAFE STEP® Anti-Slip Sightline Spray may periodically need to be re-applied depending upon wear, especially in heavily trafficked areas. Simply clean the surface and apply two new light coats.

After Use

With the can inverted depress the nozzle for 3-5 seconds to clear any paint residue from valve.

Always store cans of SAFE STEP® Anti-Slip Sightline Spray securely in a cool place away from sources of ignition. Do not store in direct sunlight.

Removing

If for any reason you need to remove SAFE STEP® Anti-Slip Sightline Spray use a proprietary solvent based paint stripper and follow the manufacturer's directions. On porous surfaces, more than one application of paint stripper may be required.

Surface Maintenance

SAFE STEP® Anti-Slip Sightline Spray should be regularly cleaned to maximise anti-slip performance. Under normal conditions periodically sweeping with a brush is all that should be required. For heavily soiled surfaces the use of a water based biodegradable detergent cleaner may be used in conjunction with a brush or mop. After cleaning, rinse thoroughly with clean water and allow drying before use.

Warning

SAFE STEP® Anti-Slip Sightline Spray is a pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50ºC. Do not spray onto naked flame or any incandescent material. Do not pierce or burn after use.

Do not apply product below 5ºC or onto damp or wet surfaces.

Health & Safety

Refer to Safety Data Sheet before use.

Safety Data Sheets – Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL® contact.

Disclaimer: *The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which may affect the use and performance of our products, for this reason it is given without responsibility.*

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