

Performance you can trust

## SAFE STEP<sup>®</sup> Standard Tapes and Treads

Part Code:	Pack Size:
43530	25mm x 18.25m rolls
43531	50mm x 18.25m rolls
43532	100mm x 18.25m rolls
43533	150mm x 18.25m rolls
43534 & 5	150 x 600mm treads

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### Description

SAFE STEP<sup>®</sup> Standard Tapes and Treads comprise of a mineral coated plastic film treated on one side with a pressure sensitive adhesive, protected by a removable liner.

SAFE STEP<sup>®</sup> Standard Tapes and Treads provide a hard wearing, slip resistant surface, for application to concrete, masonry, wood, ceramic tiles and metal etc., both inside and out.

### Features

- Quick and easy to apply.
- Capable of withstanding temperature extremes.
- Durable (next to diamond hard) anti-slip surface.
- Available in various widths.
- Good resistance to water, motor oil, detergents, solvents and UV light.
- Available in 'fade resistant' black.



### Technical Data (Typical)

Colour:	Black
Mineral Particles: Particle Size: Hardness:	Silicone carbide 180-300 microns Mohs scale 9
Bonding Medium:	Copolymer adhesive
Weight of Product:	800-850 g/sq.mtr
Break Strength (ASTM D882):	6500 lbs/sq inch 26 lbs/sq inch of width
Shear Resistance (PSTCTM):	2 lbs/sq inch after 500+ hours
Removal of Film:	Maximum 164 N/m
Adhesive Thickness:	100 $\pm$ 10 microns

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# Technical Data

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Application Temperature:	Above 5°C (Air & Surface)
Heat Resistance:	-20 to 90°C
Chemical Resistance: (Incidental Contact)	Good resistance to water, motor oil, hydraulic fluid, detergent, petrol, diesel
Pendulum slip Resistance using TRRL rubber (BS7976) Dry Pendulum Test Values (PTV) Wet Pendulum Test Values (PTV) Oily Pendulum Test Values (PTV)	Slip potential classification 89 94 (Low slip potential)* 45 80 (Low slip potential)* 35 (moderate slip potential)*
Shelf Life:	2 years
Suitable Application:	Internal and external

\*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 must be clean, dry and free from oil, grease, petrol, waxes and loosely adhered material prior to application of SAFE STEP® Tapes and Treads.

### Metal:

Rust and paint should be removed to ensure proper adhesion between the primer and the surface.

### Wood:

Should be smooth, sound and dust free.

### Concrete and Masonry:

Must be sound and non - crumbling, with no dust or grit present. Very hard ultra smooth surfaces may need to be treated to provide a suitable key and all concrete should be at least 28 days old.

## Application

Use indoors or out on painted wood, painted metal and sealed concrete.

**Priming** - Porous surfaces e.g. untreated concrete, bare wood, unglazed quarry tiles should be primed with SAFE STEP® Strong Bond before applying the tapes or treads. After priming, a drying time of at least 20 minutes should be allowed prior to laying the tapes.

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**Laying** - remove the backing paper and accurately position the adhesive surface. Start laying at one end and using firm pressure work towards the other end, without trapping air bubbles. A hard rubber or wooden roller may be of assistance. Should there be any trapped air bubbles, these can be punctured and pressed down.

Once the SAFE STEP® Tapes and Treads are in place, they are immediately ready for use.

### Test Patch

As there are so many variables it is impossible to legislate for every eventuality but as a rule of thumb, **IF YOU ARE UNSURE, TEST IT!**

Routine would be to apply a piece of the SAFE STEP® Tape or Tread to a clean, dry surface in a normal traffic area and leave for a minimum of 7 days - if after this time it is still securely applied, the surface should be satisfactorily compatible.

### Edge Sealing

In areas where any liquid or moisture is normally present, e.g. external applications SAFE STEP® Edge Sealer should be used to prevent the possible ingress of fluids around the edges (see separate Technical Data Sheet).

### Application

Using the tapered nozzle provided, apply a bead of Edge Sealer around the edges making sure that edge contact is made with both the substrate and the slip resistant self-adhesive surface. Leave to dry for a minimum of 6 hours before putting into service.

### Safe Step® Strong Bond and Edge Sealer Consumption Guide

Description	Product Code	Pack Size	500ml Strong Bond Tins Required (P/C 43541)	100ml Edge Sealer Tubes Required (P/C 43542)
<b>SAFE STEP® Standard Tape</b>				
25mm x 18.25m	43530	Single Roll	1	4
50mm x 18.25m	43531	Single Roll	1	4
100mm x 18.25m	43532	Single Roll	1	4
150mm x 18.25m	43533	Single Roll	1	4
<b>SAFE STEP® Treads</b>				
150mm x 600mm	43535	Pack of 10	1	2
	43534	Pack of 50	2	8
<b>SAFE STEP® Hi-Vis Tape</b>				
50mm x 18.25m	43540	Single Roll	1	4
<b>SAFE STEP® Neutral Tape</b>				
50mm x 18.25m	43539	Single Roll	1	4
<b>SAFE STEP® Aqua Tape</b>				
50mm x 18.25m	43538	Single Roll	Not to be used in conjunction with Strong Bond or Edge Sealer.	
<b>SAFE STEP® Hazard Tape</b>				
50mm x 18.25m	43547	Single Roll	1	4
<b>SAFE STEP® Luminescent Tape</b>				
50mm x 18.25m	43546	Single Roll	1	4

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### Coverage Rates (Typical)

Strong Bond	2.5m <sup>2</sup> per 500ml tin
Edge Sealer	10m per 100ml tube

For further information on the Strong Bond and Edge Sealer products refer to separate technical data sheets.

### Surface Maintenance

It is essential that SAFE STEP® Tapes and Treads are cleaned regularly to maximise the anti-slip performance. Under normal conditions periodically sweeping with a stiff 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 fibre bristled brush. After cleaning, rinse thoroughly with clean water and allow to dry before use.

### Limitations

- We do not recommend applying SAFE STEP® Tapes and Treads to plasticised or vinyl floor coverings.
- Avoid using cleaning fluids, which contain silicone.
- Avoid applying tapes or treads over cracks or grout lines.

### Health & Safety

**Safety Data Sheets** – Safety data sheets are available for download from our website [www.rocol.com](http://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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