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SAFE STEP[®] High Vis Tape

Part Code: 43540
Pack Size: 50mm wide x 18.25m long tape

No of Pages	04
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Description

SAFE STEP[®] High Vis Tape comprise of a mineral coated plastic film treated on one side with a pressure sensitive adhesive, protected by a removable liner.

SAFE STEP[®] High Vis Tape 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 anti-slip surface.
- Good resistance to water, motor oil, detergents, solvents and UV light.



Technical Data (Typical)

Colour:	Yellow	
Mineral Particles:	Aluminium Oxide	
Maximum Adhesive Bond Strength:	Over 48-72 hours	
Shelf Life:	2 years stored at 20-25 °C in dry conditions	
Usable Temperature Range:	-40-100 °C	
UV Resistance:	Good	
Minimum Application Temperature:	Above 5 °C	
Chemical Resistance: (Incidental Contact)	Good resistance to water, motor oil, hydraulic fluid, detergent, petrol and diesel	
Suitable Application:	Internal and external	
Pendulum slip Resistance using TRRL rubber (BS7976)	Result	Slip potential classification
Dry Pendulum Test Values (PTV)	86	(Low slip potential)*
Wet Pendulum Test Values (PTV)	73	(Low slip potential)*
Oily Pendulum Test Values (PTV)	68	(Low slip potential)*

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

T +44 (0) 113 232 2600
F +44 (0) 113 232 2740
E customer-service@rocol.com
www.rocol.com

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67
Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

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Technical Data

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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® Tape.

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

Priming - to achieve the best possible bond we recommend treating the surface first with SAFE STEP® Strong Bond before applying the self adhesive tapes. After priming, a drying time of at least 20 minutes should be allowed prior to laying the self adhesive tapes.

Laying - remove the backing paper and accurately position the adhesive tapes. 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® High Vis Tape is in place, it is immediately ready for use.

Applying SAFE STEP® High Vis Tape to Difficult Surfaces.

There are some surfaces to which it may be difficult to apply SAFE STEP® High Vis Tape or some that you may be unsure as to the compatibility. - For example, Alkyd or Epoxy resin coatings may have "waxy" ingredients which resist adhesives bonding them and some concretes may contain "anti-freeze" or silicone additives which may repel adhesives.

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!**

Test Patch

Routine would be to apply a piece of SAFE STEP® Tape 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.

Porous surfaces such as untreated concrete, bare wood and unglazed quarry tiles should be prepared as above and the surface primed with SAFE STEP® Strong Bond. When applying to quarry tiles do not apply over grout. Apply SAFE STEP® Tapes over the quarry tile surface only.

In areas where any liquid or moisture is normally present, e.g. external applications, prepare the surface with SAFE STEP® Strong Bond and always apply SAFE STEP® Edge Sealer (see separate Technical Data Sheets).

Edge Sealing

To prevent the possible ingress of fluids around the edges, it is advisable to seal these with SAFE STEP® Edge Sealer before use.

Using the tapered nozzles 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.

Do not apply SAFE STEP® High Vis Tape to plasticised or vinyl floor coverings.

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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)
SAFE STEP® Standard Tape				
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
SAFE STEP® Treads				
150mm x 600mm	43535	Pack of 10	1	2
	43534	Pack of 50	2	8
SAFE STEP® Hi-Vis Tape				
50mm x 18.25m	43540	Single Roll	1	4
SAFE STEP® Neutral Tape				
50mm x 18.25m	43539	Single Roll	1	4
SAFE STEP® Aqua Tape				
50mm x 18.25m	43538	Single Roll	Not to be used in conjunction with Strong Bond or Edge Sealer.	
SAFE STEP® Hazard Tape				
50mm x 18.25m	43547	Single Roll	1	4
SAFE STEP® Luminescent Tape				
50mm x 18.25m	43546	Single Roll	1	4

Coverage Rates (Typical)

Strong Bond	2.5m ² 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® High Vis Tape is cleaned regularly to maximise 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.

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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