

# Technical Data

# ROCOL®

Performance you can trust

## SAFE STEP® Strong Bond

Part Code: 43541  
Pack Size: 500 ml

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### Description

SAFE STEP® Strong Bond is a single pack, synthetic adhesive solution used to prime rigid or porous surfaces prior to the application of SAFE STEP® Tapes, pre-cut Treads.



### Technical Data (Typical)

Colour:	Translucent white
Appearance:	Viscous tacky liquid
Chemical Type:	Acrylonitrile/Butadiene co-polymer based adhesive containing reinforcing and tackifying resins
Specific Gravity:	0.9
Maximum Bond Strength Achieved:	After 2-7 days
Theoretical Coverage Per Pack:	2.5m <sup>2</sup>
Shelf Life:	12 months
Flash Point:	-18°C
Storage Conditions:	Store in a cool, dry, well ventilated place between 10-25°C, away from direct sunlight and sources of ignition.
Solids Content:	30%
Viscosity:	100 poise
Flammability	Highly Flammable
Tack Life:	1-3 minutes

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Heat Resistance:	-40 to +80 °C
Application Temperature:	Above 5 °C

## Application

The surfaces to be primed must be dry and free from dust or loose material. If the area is heavily contaminated with oil or grease this should be removed with solvent or an industrial de-greaser.

When bonding non-porous, smooth or glossy surfaces, abrade the surface prior to the application of SAFE STEP® Strong Bond. Apply a thin, even coating of the adhesive by brush over an area slightly larger than required for the tape or panel.

Allow the adhesive to dry for about 20 minutes or until the adhesive film no longer transfers to the fingertip before positioning the slip resistant product.

## Laying

Remove the backing paper and accurately position over the adhesive. 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® Tape, Tread is in place, it is immediately ready for use.

## 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>			Not to be used in conjunction with Strong Bond or Edge Sealer.	
50mm x 18.25m	43538	Single Roll		
<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

## Chemical Resistance\*

Water	Good
Oil, Petrol and Kerosene	Good (will not withstand prolonged immersion)
Alcohols	Good
Ketones and Esters	Poor
Dilute Acid	Good
Dilute Alkali	Good

\* Incidental contact

## Limitations

SAFE STEP® Strong Bond and Edge Sealer should not be used with SAFE STEP® Aqua Tape.

## Health & Safety

Refer to Safety Data Sheet before use. If further copies are required or for further information, please contact us at the address below:

**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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