ROCOL SAFE STEP™ SELF ADHESIVE SLIP RESISTANT SURFACES
Technical Data & Application Instructions

Description

ROCOL Safe Step™ Self Adhesive Slip Resistant Surfaces comprise of a mineral coated plastic film treated on one side with a pressure sensitive adhesive, protected by a removable liner.

ROCOL Safe Step™ Self Adhesive Slip Resistant Surfaces provide a hard wearing, slip resistant surface, for application to concrete, masonry, wood, ceramic tiles and metal etc., both inside and out.

Technical Data (Typical)

Unit Size:	Available in rolls of widths between 25 - 150mm and in various sizes as pre-cut Treads & Tiles.
Colour:	Black
Mineral particles	Silicon Carbide
Particle size:	180 - 300 microns
Hardness:	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/inch of width
Shear Resistance (PSTCTM):	2 lbs/sq inch after 500+ hours
Removal of film:	Maximum 164 N/m
Adhesive thickness:	100± 10 microns
Application temperature:	Above 5°C
Heat Resistance:	-20 to 90°C
Chemical Resistance: (Incidental contact)	Good resistance to water, motor oil, hydraulic fluid, detergent, petrol, diesel
TRRL Slip Resistance Values:	
Dry:	89
Wet:	45
Oily:	35
Shelf Life:	2 years
Suitable Application:	Internal & External

ROCOL Site Safety Systems

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Surface Preparation

All surfaces must be clean, dry and free from oil, grease, petrol, waxes and loosely adhered material prior to application of **ROCOL Safe Step™ Self Adhesive Slip Resistant Surfaces**.

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. It is recommended that the surface is first treated with **ROCOL Strong Bond** before applying the self adhesive surfaces. After priming, a drying time of at least 20 minutes should be allowed prior to laying the self adhesive surfaces.

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 **ROCOL Safe Step™ Self Adhesive Slip Resistant Surfaces** are in place, they are immediately ready for use.

Applying ROCOL Safe Step™ Self Adhesive Slip Resistant Surfaces

There are some surfaces to which it may be difficult to apply **ROCOL Safe Step™ Self Adhesive Slip Resistant Surfaces** 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, some concretes may contain “anti-freeze” or silicone additives which may repel adhesives.

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

A Standard Test

Routine would be to apply a piece of **ROCOL Safe Step™ Self Adhesive Slip Resistant Surfaces** 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 - untreated concrete, bare wood, unglazed quarry tiles should be prepared as above and the surface primed with **ROCOL Strong Bond**. When applying to quarry tiles do not apply over grout. Apply **ROCOL Safe Step™ Self Adhesive Tiles** over quarry tile surfaces only.

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

Edge Fixing

To prevent the possible ingress of fluids around the edges, it is advisable to seal these with **ROCOL 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 **ROCOL Safe Step™ Self Adhesive Slip Resistant Surfaces** to plasticised or vinyl floor coverings.

Surface Maintenance

It is essential that **ROCOL Safe Step™ Self Adhesive Slip Resistant Surfaces** are regularly cleaned 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, thoroughly rinse with clean water and allow to dry before use.

Health & Safety

Refer to Health & Safety Data Sheet before use. If further copies are required please contact ROCOL Site Safety Systems, ROCOL House, Swillington, LEEDS LS26 8BS Tel: 0113 232 2800 or dial our Fax-Back facility on 0113 232 2772.