Technical Data Sheet



Swiss GriP® Non-Slip P3

Water-based, dual-component non-slip coating Transparent. For interior and exterior applications.

Article Code 5m2: S 9520-005.000 Article Code 15m2: S 9520-015.000















Description

Swiss GriP is a water based, dual component polyurethane coating and specifically formulated to eliminate the risk of slipping on slippery surfaces. It is a high build, transparent coating, UV-stable, flexible and durable.

Swiss GriP can be used on acrylic, gel coat, PU, epoxy and wood surfaces with excellent adhesion. It can also be used on ceramics and natural and engineered, brick, fibre cement, sandstone, terracotta, bluestone, slate, and other porous stone materials and glass in combination with Swiss GriP Sopro Primer. SWISS GriP Non-Slip is touch dry in 60 minutes and trafficable in 12 hours.

Features

- Two-component polyurethane coating
- Water based
- Transparent finish
- UV-resistant, non-yellowing
- Outstanding adhesion
- Designed to eliminate slipping accidents
- Certified as Antibacterial and Antimicrobial

Benefits

Certified in accordance to AS/NZ 4586:2013, the Australian Standard for Slip Resistance by CSIRO

Wet pendulum test Slider 96 (pedestrian areas): P3

Wet pendulum test Slider 55: P4

Certified in accordance to the European Standard for Sip Resistance by TÜV Rheinland

DIN 51130 - Oil-wet inclining platform test: R10

DIN 51097 - Wet barefoot inclining platform test: B

- One coat coverage by roller / ready to apply by airless sprayer
- For interior and exterior applications
- Meet and exceed safety standards for slip resistance
- Non-etching, non-hazardous coating system

Uses

SWISS GriP Non-Slip P3 is recommended for showers, bathrooms, changing rooms, pool areas, domestic kitchens, patios, pedestrian areas, (dry) entry areas, staircases, and other slippery surfaces where a P3 slip-rating is required. The product is suitable for interior and exterior use.

Precautions And Limitations



Read Data Sheet, Material Safety Data Sheet and any precautionary labels on containers.

Do not apply in exterior situations when rain threatens. Do not apply when relative humidity is above 80% or is likely to go above 80% shortly after the application has been completed. It is recommended to start applications in the later morning. Do not start application in the late afternoon.

Practical spreading rates will vary depending on such factors as method and conditions of applications and surface roughness and porosity. Suitable for application over bare substrate and water based coatings. For further advice contact SWISS GriP Australia on (03) 7020 2041 or info@swissgrip.com.au.

Performance Guide					
Weather	Excellent resistance to exterior exposure	Salt	Unaffected by splash and spillage of neutral salt solutions.		
Heat Resistance	Up to 120°C dry heat	Water	Resists rain and condensation. Not recommended for immersed exposure.		
Solvent	Unaffected by splash and spillage of alcohols and similar solvents	Abrasion	For low, medium and high pedestrian traffic		
Acid	Not recommended where splash or spillage may occur.	Alkali	Not recommended where splash or spillage may occur.		

Typical Properties						
Gloss Level	Flat		Thinner	Max. 2% of weight of component A		
Colour	Transparent		Mix Ratio	Part A:5 Part B:1		
Components	2		Number of Coats	1		
Toxiciy	No adverse health effects expected if the product is handled in accordance with the directions on the Safety Data Sheet		V.O.C. Level	53 g/L		
Shelf Life	1 year in an unopened can					
Touch Dry	60 min					
Clean up	Water					
Application Method	Roller, conventional and airless spray Contact Swiss GriP for spray application instructions					
Application Conditions	Air Temp. Substrate Temp. Relative Humidity Concrete Moisture	Min. 15°C 15°C	Max. 35°C 35°C 85% <10%			
Typical Properties Notes	Drying Time on a day of 21C and 60% Relative Humidity Touch Dry 60 minutes Trafficable in 10 hours					
Max. relative humidity	Do not apply when relative humidity is above 80% or is likely to go above 80% shortly after the application has been completed.					



Application	Guide			
Surface Preparation	Thoroughly clean area using GriP Intensive Cleaner or another alkaline based cleaner in conjunction with water and a stiff bristled brush removing all dirt, dust and unwanted materials etc. Wash clean until all foaming ceases using a hose or power washer. Allow to dry before applying SWISS GriP Non-Slip. Ensure surface is thoroughly dry before application. Ensure that previous coating is firmly bound to the substrate before painting. All loose and flaking paint must be thoroughly removed prior to painting.			
Application Procedure and equipment	Roller application It is recommended to use a SWISS GriP Application Roller or a narrow 10cm synthetic roller and small roller tray. For easy clean-up simply use an inlay in the paint tray that can be disposed of when the product has dried. • To allow the painting of straight lines, mark out surface area with chalk string then use an appropriate masking tape to outline the intended lines. It is recommended to split up sections for the surface with masking tape into areas of max.			
	 Use mixing cups and an electronic precision scale. Stir Coating A thoroughly before use with a broad, flat paddle or electrical mixer. Mixing Ratio: 5 to 1. For every 5 parts of Coating A, add 1 part of Hardener B. Example: pour 100 grams of Swiss GriP Part A in a mixing cup and add 20 grams of Swiss GriP Part B. Stir mixture thoroughly before use with a mixing stick. Only mix as much coating as will be immediately required. Once coating has been mixed, apply within 20 minutes. Once coating and hardener have been mixed, securely fasten the lids to ensure the product will not solidify. Ensure surface has been thoroughly swept with a stiff bristled brush and where possible power wash using GriP Intensive Cleaner or another alkaline based cleaner prior to applying the coating. Apply one coat of SWISS GriP Non-Slip coating. A second coat is not required. Apply 60 grams of coating and hardener per sq metre. Practical spreading rates will vary depending on such factors as method and conditions of applications and surface roughness. 			
	 Spray application Can be applied with Graco HVLP 9.0 Sprayer, Ozito 400W Power Paint Spray Gun and conventional 1.3 – to 1.6 mm nozzle spray guns with 3 bar air pressure. Contact us for spray application instructions. 			
Disposal	DO NOT REUSE CONTAINER. Do NOT pour waste material down the drain. Keep unwanted paint in sealed containers for disposal via special chemical waste collections including PAINTBACK. Alternatively waste paint should be brushed out onto newspaper and allowed to dry before disposal via domestic waste collections. For more information on responsible disposal or paint and packaging visit the Australian website at paintback.com.au or in New Zealand at paintback.co.nz			
Handling	As with any chemical, ingestion, inhalation and prolonged repeated skin contact should be avoided by good occupational practice. Always wash hands before smoking, eating, drinking or using the toilet.			
Other	For detailed information refer to the current Safety Data Sheet available through customer service: info@swissgrip.com.au			
Shipment	Not dangerous goods, no special transport requirements.			
Flash Point	N/A			
UN Number	N/A			
Dangerous Goods Class	N/A			