

Stellmann® Non-Slip Clear PRO
P3 Soft, P3, P4 / P5 and R9 R10, R11 / R12
Water-based, dual-component non-slip coating.
Transparent. For interior and exterior applications



Description

Stellmann Non-Slip Clear is a water-based, dual component polyurethane coating specifically formulated to eliminate the risk of slipping on a wide range of substrates. It is a premium quality, transparent coating, UV-resistant, flexible and durable. Stellmann Non-Slip Clear has excellent adhesion to a wide range of surfaces in combination with Stellmann Clear Primer. Surfaces: tiles, ceramics, natural and engineered stone, marble, fibre cement, sandstone, terracotta, bluestone, slate, and other porous stone materials, acrylics, PU, epoxy, timber, metal and glass. The coating is touch dry in 60 minutes and trafficable in 12 hours (light pedestrian traffic).

Features

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| <ul style="list-style-type: none"> • Dual-component polyurethane coating • Premium quality, water-based system • Transparent, UV-resistant, and non-yellowing • CSIRO Certified | <ul style="list-style-type: none"> • VOC-free • Easy to apply by roller • Excellent chemical and mechanical resistance • Made in Europe |
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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, P4 and P5 Wet pendulum test Slider 55: P3, P4, and P5.
P5 or R12 slip-rating available by adding Stellmann Non-Slip P5 particles.
- European indicated slip-ratings: R11 and R12

Uses & Slip Ratings

Stellmann Non-Slip Clear PRO is available in various slip-ratings and is therefore ideally suited to make surfaces compliant and slip-resistant. It also acts as a topical surface sealer that repels water. Contact us if you are unsure about the slip-rating you require.

P3 Soft: shopping malls, food courts, offices, hotel lobbies, residential living rooms, internal staircases, and other areas not frequently exposed to water that require a P3 slip-rating which is easy to maintain.

P3: Residential showers, bathrooms, residential kitchens, interior stairs, toilet and bathroom facilities in offices, hotels and shopping centers, interior entry areas, bathrooms and en-suites in hospitals and aged care facilities, communal changing rooms.

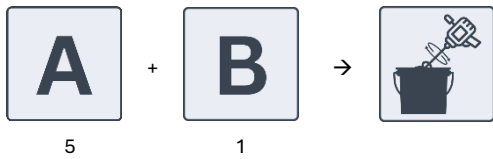

P4: Outdoor entry areas, walkways, external ramps including sloping driveways, foot paths, etc., external carpark areas, pedestrian crossings, balconies, verandas, courtyards, serving areas, behind bars in hotels and pubs, swimming pool surrounds and communal shower rooms.

P5: External ramps including sloping driveways, footpaths etc. Steeper than 1 in 14, loading docks undercover and commercial kitchens

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 85% or is likely to go above 85% shortly after the application has been completed. Do not apply to areas with faulty waterproofing or with high moisture contents. It is recommended to start outdoor applications in the later morning. Do not start the application in direct sun when it is warmer than 30 degrees Celsius or switch to spray application (HVLP). Avoid application in the late afternoon (check humidity and weather forecast). Practical spreading rates will vary depending on such factors as method and conditions of application and surface roughness and porosity. Suitable for application over bare substrate and water-based coatings.

Application Guide

<p>Surface Preparation</p>	<p>Thoroughly clean area using Stellmann Prep and Maintenance Cleaner. Use the right tools for each individual area, eg. Cleaning machine, stiff bristled brush, pressure washer, etc. Remove dirt, dust, and unwanted materials etc. Wash clean until all foaming ceases using a hose or power washer. Allow to dry before applying Stellmann Primer and Stellmann Non-Slip Clear.</p> <p>Ensure surface is thoroughly dry before application. Ensure that previous coating is firmly bound to the substrate before coating. All loose and flaking paint must be thoroughly removed prior to painting. Do not apply to surfaces with a nano- or other repellent treatments. Check adhesion and conduct tests in case of doubt.</p>
<p>Application Procedure and equipment</p>	<p>Primer</p> <p>Apply Stellmann Primer prior to starting the Stellmann Non-Slip Clear application. Dilute primer 1:1 with water and apply a thin film to the surface with a sponge or flat microfibre mop/cloth. See TDS for full instructions. Avoid puddling. Curing time: approx. 30 min at room temperature. Practical spreading rates will vary depending on such factors as method and conditions of application and surface roughness and porosity. Surfaces such as concrete and timber will require more primer. Wear shoe covers when walking on primed surfaces to avoid leaving footprints.</p> <p>Mixing</p> <ul style="list-style-type: none"> • Stir up Part A for 5 minutes with a mechanical mixer at low speed before use. • When mixing in smaller portions, use a clean mixing cup and an electrical precision scale to measure the mixing ratios. • When mixing smaller portions use a 5 to 1 mixing ratio by weight. Mix Part A and B with a clean mechanical mixer for at least 5 minutes. • Do not use milliliter mixing cups as product density is higher than water. Mixing without electrical precision scale will cause off ratio mixing. Any warranty is void when mixing is not conform instructions. • See extensive installation manual for a step-by-step guide. <p>Mix ratio calculator</p> <ul style="list-style-type: none"> • Mix Ratio: 5 to 1. Stellman Non-Slip Clear Part A = 5 and Part B is 1. • Calculation: multiply the amount of Part A in the mixing cup by 0.2. The result is the amount of Part B that needs to be added. Alternatively, multiply the amount of Part A in the mixing cup by 1.2. The result is the total amount that needs to be reached by adding Part B. Example: 200 grams of Part A is added in a mixing cup. Add 40 grams of Part B. Calculation method 1: $0.2 \times 200 = 40$ grams. Method 2: $1.2 \times 200 = 240$. <div data-bbox="427 1355 922 1512" style="text-align: center;">  <p style="text-align: center;">A + B → </p> <p style="text-align: center;">5 1</p> </div> <p>Application</p> <p>It is recommended to use PEKA Multitex rollers to apply Stellmann Non-Slip Clear. Other rollers need to be tested prior to starting an installation project. No warranty can be given on the finish and slip-rating when using other rollers.</p> <ul style="list-style-type: none"> • It is recommended to split up larger areas into smaller sections for the best result. Either use grouts as the border of sections or use masking tape. Roll a single layer to the surface and spread out evenly. Finish each section by rolling in the same direction without applying pressure. Finishing sections in different directions clean lead to a visual difference in sheen (due to light reflection/distribution). <p>Note: Avoid rolling back into finished sections. Double layers can remain translucent/whiteish instead of transparent.</p> <ul style="list-style-type: none"> • Only mix as much coating as will be immediately required. Once the coating has been mixed, apply within 45 minutes. • Avoid rolling with a dry roller • Apply one coat of the non-slip coating. <i>Do not apply a second coat and avoid rolling back into finished sections.</i> Spreading rate is approx. 72 grams per sq metre. Practical spreading rates will vary depending on such factors as method and conditions of applications and surface roughness. Higher spreading rates are recommended for high traffic areas.

	Spray Application <ul style="list-style-type: none"> Stellmann Non-Slip Clear can be applied with a range of HVLP sprayers. The mixed coating of Part A and B needs to be diluted prior to spray applying. Contact us for instructions. Smaller areas: Ozito 400W Power Sprayer, several Wagner HVLP Click and Spray Systems with a handheld compressor. Larger areas: Graco HVLP 9.0 ProContractor Sprayer or conventional spray gun with a nozzle of at least 1.3mm. 		
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 of 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 or info@stellmann.com.au .		
Shipment	Not dangerous goods, no special transport requirements.		
	Flash Point: N/A	UN Number: N/A	Dangerous Goods Class: N/A

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 permanently immersed exposure.
Solvent	Unaffected by splash and spillage of alcohols and similar solvents	Abrasion	For low, medium and high pedestrian traffic areas.
Acid	Not recommended where spillage may occur.	Alkali	Not recommended where spillage may occur.

Typical Properties			
Gloss Level	Satin when applied by roller Matt when spray applied	Thinner	Water. Only dilute product with water when spray applying. Contact us for instructions.
Colou	Transparent	Mix Ratio	Part A: 5, Part B: 1
Components	2	Number of coats	1
Toxicity	No adverse health effects expected if the product is handled in accordance with the directions on the Safety Data Sheet	V.O.C. Level	Less than 0.5% by weight
Shelf Life and storage	1 year in an unopened can and when stored in a dry, dark and cool place. Protect from direct sunlight and frost.		
Touch Dry	60 minutes		
Clean up	Water		
Application Conditions	Air temperature Substrate temperature Relative Humidity Concrete Moisture	Min. 15°C 15°C	Max. 35°C 35°C 85% <10%