



Clear Anti slip Coating systems

A hard wearing non slip floor or roof coating system rated to R12 and P4 and P5 in accordance with Australian Standards. It is a non abrasive system that provides a permanent sacrificial surface as a stand-alone or on top of a paint top coat and is specifically formulated to provide water proofing capacity in non ponding applications, a highly durable, high grade finish with the key properties detailed below. The system components have <40 g VOC content and are water based coatings.

System	Ultra Clear Anti-Slip R12, P4 and P5(65)
	Clear Anti Slip Protector system consists of first coat as Universal Bond or stain plus followed by 2 coats of Clear Anti slip. It is also a finishing coat over any of our coating systems.
Top Coat Description	Water borne acrylic polymer resin emulsion anti-slip floor coating with a minimum CSIRO R12 rating P4 & P5 – (65). An elastomeric one-way membrane for use on any floor or roof type, i.e. concrete, ECC board, timber, metals and even tiles with anti slip rating to 30.7 degrees inclines.
Colour	Clear MATT finish – wet look
Standard	Satisfies Australian standards for low VOC (<40g/L), R12 and P4 and 5(65) anti slip rating . concrete, INEX board, timber, metals and even tiles with anti slip rating to 30.7 degrees inclines.
Substrates	All substrates with some degree of porosity. Has been specifically modified to suit Engineered Cement or cement based Composite (ECC) INEX Board
Project	Decking, Flooring, WH&S applications, pool sides, Façade applications,

General Scope

This section sets out the system components and application requirements for the different finishes of the substrate.

The Clear anti Slip system shall be used for walking bridges, Decks, or wherever Brick works / UBIQ panels are used. This is a holistic approach to coating and painting of substrates from preparation of surfaces and cleaning to natural environmentally safe disposal and recycling of waste.

The system shall be water based across all range of the system products with the following properties:



Environmental Benchmark Coating Solutions

Specification

Clear Anti Slip P4/P5 R12

BEAUTIFY ✦ PRESERVE ✦ CREATE

- All products are provided in a **ready to use state**. No mixing or addition of any other substance is allowed.
- Elastomeric with excellent permeability.
- Non-toxic, less than 50g/L to zero VOC and odourless.
- Deep penetrating capacity into substrate.
- No peeling, chipping, scaling or creep, blistering
- Will not fade, yellow, harden or deteriorate with time
- Anti fungal and anti bacterial
- Very High resistance to salt, chemical and oil substances, e.g. acid, alkaline, etc
- waterproofing qualities for wall surfaces
- Heat and flame resistant (>300deg C);
- Does not spread flame
- Extremely durable and easily cleanable. High endurance to aggressive scrubbing;
- Disposal via normal general waste without any additives or cost.

Performance

1. No odour and Non Toxic,
2. Does not spread flame nor support combustion and hence is resistant to fire
3. Does not crack, peel or blister
4. Doesn't Fade or yellow
5. No water creep below film
6. Water Vapor Permeability – EN1062.2 – 0.15 wet cup, Sd-value
7. Adhesion on Sand/Limestone Surface – AS/NZS 1580.408.5 – 2.33 N/mm²
8. Resistant to Mould & Algae growth
9. Self Cleaning Effect – Atmospheric dust is washed away with rain

Properties

1. Wet Film Thickness 120µm +/- 10µm
2. Dry Film Thickness 90µm +/- 5µm
3. Spreading Rate 9-10Sqm / Litre
4. Specific gravity 1.11* +/- 0.1 (LTB) @20°C & 50% RH
5. Touch Dry 15 Minutes @25°C & 50% RH
6. Recoat Min 30 Minutes @25°C & 50% RH
7. Zero VOC in Accordance with Australian Standards
8. pH Value – 8 - 10
9. Water based System – Non Hazardous, Safe transport

Primer/ Sealer

Universal BOND is a highly acrylic penetrating and bonding sealer/ primer/ undercoat that has excellent flexibility, adhesion and impact resistant properties on all surfaces. For almost all surfaces a single coat of ultra bond is more than sufficient priming. However, very smooth non porous surfaces may require sanding with Ultra Bond using above 320 grit sand paper.

Surface Preparation

General – Clean surfaces thoroughly from dust particles, flakes, etc and where necessary use pressure tools. Where surfaces are difficult to clean and may contain oily films, or hard dried dust, we recommend Green Klean application. Bulk concrete would usually have to cure for 28 days, minimum prior to painting.



Specification

Clear Anti Slip P4/P5 R12

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Existing Surfaces – Existing surfaces may need high pressure tools including sand blasting if it is in a deteriorating state. Such surfaces should be in a state of cleanliness as in general preparation above and should be free from any loose or weak inter-coat adhesion. A final clean using Colloido Clean or a recommended environmentally friendly degreaser should be used followed by a thorough rinse. (Acidic or alkaline based degreasers shall not be used).

APPLICATION

Ultra clear P4 or P5(65) system	Coverage m ² /L Minimum	Film Thickness- Mm Wet	Dry	Touch Dry Re-coat 25°C 50%RH	Re-coat
Primer/ Sealer: Ultra Bond or Primer Sealer wash (Colour)	15m ² /L	40 µm	20+ µm	15 mins	
First Coat: Ultra Clear Anti-Slip	12 m ² /L	110 µm	90 µm	15 mins	30 mins
Second Coat Ultra Clear Anti-Slip	12 m ² /L	110 µm	90 µm	15 mins	30 mins
Third Coat: Ultra Clear 65 if required	8 m ² /L	120 µm	100 µm	30 Mins	

Warranty 5x5 years durability, no cracking, peeling, blistering and fading on new and sound substrates subject to routine maintenance; Wear and tear excluded

Advantages

1. Excellent Adhesion and penetration to Substrate
2. Waterproofing property
3. Easy maintenance and localized repairs
4. Cost effective and economic recoating
5. Corrosion resistance
6. Heat resistance (>300deg C)
7. Alkaline and acid resistant

Notes

- Practical spreading rates may vary from theoretical figure depending on substrate porosity, surface texture, painting losses and environment conditions, temperature and wind.
- Application should be adjust to achieve the recommended Dry Film Thickness.
- Do not apply the coating system if the surface temperature is or expected to go below 10°C or above 40°C during the application/drying period or above 35
- Maximum relative Humidity is 85%
- Avoid application if rain is forecast for the day of application
- Our technical section should be contacted to clarify recommendations and specifications for projects, either of a specific or general nature.
- Avoid exposure to water and condensation for 24 hours after application.
- Ensure that CLEAR ANTI SLIP is thoroughly stirred or shaken before use.
- Ultra CLEAR 65 in particular should be regularly stirred in accordance with manufacturers recommendations.
- All products in the system must not be diluted.