Uni-Guard Anti-Slip Clear Coating System

Uni-Guard Topcoat Anti-Slip coating system is a clear coating system that has specially been formulated and designed to be installed directly over existing hard, smooth surfaces for internal and external applications that require an improved slip resistance. Unlike sacrificial systems or polish, Uni-Guard Topcoat Anti-Slip incorporates the use of a high adhesive primer and UV stable topcoat. Uni-Guard Topcoat Anti-Slip has been independently qualified and achieves P5 slip ratings for typical level applications without the requirement of additional aggregates. Unlike other treatments Uni-Guard Anti-Slip coating has water proofing properties as it will seal porous substrates.

SURFACES INCLUDE:

Tiles	**Polished Concrete**	**Timber Look Flooring**	**Epoxy Flooring**
Stone	**Terrazzo**	**Poly Urethanes**	**Marble**

Uni-Guard Topcoat Anti-Slip will have minimal effect on the existing finish and colour of the surface, however, some opaque discoloration and or roller marks may be visible when applied over dark surfaces. Boja advise that a small sample is applied prior to coating entire floor or surface.

The following application details and process can be considered to achieve and identify the maximum suitability and performance from a synthetic or resin-based floor coating system.

Identify Moisture Level of Substrate	Anti-Slip	Waste Water Management- Avoid Water Pooling on Surface
Preparation of Substrate	Wall Coving	Maintenance

Uni-Guard Topcoat Anti-Slip system can be easily installed, maintained and rejuvenated due to its fast cure and technical properties. The system is natural clear and will have minimal yellow colour shift unlike other non-slip clear products or coatings. As a semi sacrificial coating system Uni-Guard Anti-Slip Coating, has exceptional adhesion, abrasion resistance and durability. If pre-mature wear occurs due to traffic flow, Uni-Guard Topcoat Anti-Slip Coating can be easily installed directly over itself without the need to apply a primer.

Slip prevention must be considered before the final selection of a resin flooring system in-order to comply to slip risk testing AS/NZS4586 classification. State of the art additives included in Uni-Guard Anti-Slip are designed to remain in suspension and will not dislodge like many other non-slip additives used in the flooring industry. Uni-Guard Topcoat Anti-Slip coating achieves a P5 slip resistance in its standard formulation and can further upgraded with use of larger aggregates.

Larger aggregate can be used as broadcast method. Consult representative or contractor for more details.

AREAS OF USE:

Designed to be used for interior and exterior applications such as pedestrian pathways, driveways, open public areas, sheds, patios and other slippery hard floor surfaces. Most hard surfaces that require added slip resistance.

Uni-Guard Topcoat Anti-Slip system is suitable for light to medium vehicle traffic applications such as warehouses, car parks and garage floors.

APPLICATION:

Standard Anti-Slip Level Surfaces

1. Degrease substrate. Ensure surface in clean and free from, grease, oils and other contaminates.

2. Mix and apply Uni-Guard HS Primer at the approximate spread rate of 10m2. Allow to cure.

3. Mix and apply Uni-Guard Topcoat Anti-Slip at the approximate spread rate of 8 -10m2 per litre. Allow to cure.

Uneven Anti-Slip Surfaces

Follow steps 1,2,3.

4. Sprinkle with Alox 36 or crushed glass at spread rate of 50g-80g per m2.

5. Apply additional coats of Uni-Guard Topcoat Anti-Slip to lock in crushed glass.

**short nap and / or mohair rollers should be used for the application of primer and topcoat.*

OTHER FEATURES:

- Ease of application and quick drying
- Semi-gloss finish
- Excellent flow and self-levelling properties
- Non-flammable / Low VOC water-base coating less than 60g per litre
- Excellent UV resistance
- Good solvent and chemical resistance
- Clean up with water
- Good organic and in-organic stain resistance

MIXING & THINNING:
Ready for use

METHOD OF APPLICATION:
Brush, low nap roller
Do not apply if air temperature is below 10°C or above 35°C. Do not apply if the substrate temperature is 10°C or less as curing will be retarded.
Do not apply in direct sunlight, hot or windy conditions as this may affect dispersion of non-slip aggregates.
Do not apply if rain is expected or in extremely high humidity, greater than 85% R.H. Curing rates can be affected during these conditions.

COLOUR AVAILABILITY:
Clear. */ AS2700 Colours as per Boja colour card or MTO (made to order colours)*

TOUCH DRY:
30 mins @25°C 50% RH

RE-COAT TIME:
After 2-4 hours @ 25°C

COVERAGE:
8 - 10 m2 / Lt
Uneven Anti-slip application - Broadcast /sprinkle crushed glass into first top coat and apply one or two additional seal coats.

SHELF LIFE:
12 months at 25°C.

CLEAN / WASH UP:
Water.

SURFACE PREPARATION:
Ensure the substrate to be coated is clean and dry prior to application. Remove all surface contaminants by washing with degreaser, followed by clean water rinse and allow to dry. Special attention must be applied to silicone, grease, oil wax, lubricants and paint over spray. Check for compatibility before applying over other coatings.
Do not apply over surface curing agents or bond breakers.
Green concrete; Allow 28 days for concrete to fully cure, if coating is required before this period contact Boja Specialised Coating representative.

Boja Specialised coatings recommend an adhesion test in accordance to AS1580.408.02

HEALTH & SAFETY:

- Refer to MSDS prior to use
- Keep out of reach of children
- PPE
- Ensure good ventilation if using indoors
- Store in a cool dry place

FIRST AID:
Eye Contact – rinse with cold running water for 10 to 15 minutes. Seek medical attention if irritation persists.
If Swallowed – drink large amounts of water and seek medical attention.

ENVIRONMENT:
Do not tip unused products or waste down drains.
Dispose of waste using authorised collection procedures.

DISPOSAL:
During clean up after use, ensure that any chemicals do not flow to gutters or drains as it may contaminate waterways. Do not reuse empty can. Container can be recycled. Check with your local authorities or waste management office for more information related to the disposal of this container.

PACKAGING & SHELF LIFE:
Primer: 4-11 Litre pail with Part B additive
Top Coat: 4-11 Litre pail with part B additive
Mixed products should be used within 8 hours of adding part B
12 months if stored in original sealed container away from direct sunlight in a cool environment.

PHYSICAL TEST PROPERTIES: Uni-Guard HS Primer

PROPERTIES	UNI-GUARD ANTI- SLIP COATING SYSTEM
Component	Two pack
Mix Ratio	10:1
Density kg / Lt	1.0
WFT	120µm per coat
Coverage	10 m2 / Lt / coat
Touch Dry	30 mins @ 25°C
Recoat	2-4 Hours
Full Cure	72 Hours

PHYSICAL TEST PROPERTIES: Uni-Guard Topcoat Anti-Slip

PROPERTIES	UNI-GUARD ANTI- SLIP COATING SYSTEM
Component	Three
Mix Ratio	Part A: 10 Litre. Part B 1 Litre. Anti-Slip Part C 300ml
Density kg / Lt	1.5
WFT	135µm per coat
Coverage	8 -10 m2 / Lt / coat
Touch Dry	30 mins @ 25°C
Recoat	2-4 Hours
Full Cure	72 Hours

Disclaimer: Due to no direct control over application of its products, Boja Specialised Coatings advise any recommendation or information is provided based on technical information outlined during specification period. Boja Specialised Coatings does not accept responsibility or liability arising from the use of its products whether or not in accordance with any advice, information, recommendation, specification or service.