

VUKA SEAL COAT

DESCRIPTION

Vuka Seal Coat is a clear unfilled multi component low viscosity solvent free epoxy primer and sealer with very good UV resistance.

USES

As a primer and adhesion promoter on prepared Concrete and Grano screeds.

As a clear sealer for the commercial and retail sector in offices and outlets.

BENEFITS

Good colour stability and yellowing resistance
 Top coat for most synthetic resin systems
 Good penetration – low viscosity
 Excellent chemical resistance

CHEMICAL RESISTANCE

For chemical resistance information please contact our Technical Department

PROPERTIES

The following are typical properties achieved at 20C and 50% relative humidity.

Light traffic @ 20C	24hrs
Heavy traffic @ 20C	2 Days
Full cure @ 20C	7 Days
Theoretical coverage	4m ² /Litre as primer 1m ² /Litre topcoat
Fire Resistance	Class 4 – SANS 10177 : Part 4 : 2005
Slip Resistance	BS EN 13036-4:2011. Typical values for Four-S Rubber. Dry 81 Wet 36
Impact Resistance	ISO6272-1:2011 1kg weight >1.8m 2kg weight >1.5m
Abrasion Resistance	SANS 1149:2012
Thermal Resistance	Tolerant of sustained temperatures of 65 C
Water Permeability	Nil – Contest test. (Impermeable)



Compressive Strength:	>70 N/mm ² SM SABS 863:1994
Flexural Strength:	>25 N/mm ² SM SABS 864:1994
Bond Strength:	Greater than cohesive strength of 25N/mm ² concrete > 1.5 N/mm ² Proceq Dyna

SURFACE REQUIREMENTS

Concrete / Grano surfaces must have a minimum compressive strength of 25N/mm², a minimum tensile strength of 1.5N/mm², be at least 40mm thick. The substrate must be dry, free of oils waxes fats and other contaminants. Wet vacu-blasting, scarification, abrasive grinding followed by vacuum cleaning is preferred. The surface must show open pores throughout with exposed aggregate. **Acid etching is not acceptable.**

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MIXING

Kit components are pre-weighed for optimum performance therefore never split or proportion a kit. Pre stir base and activator. Add the entire activator to the base and using a slow speed drill (+/- 300rpm) fitted with a spiral blade mix for 3 minutes.

APPLICATION

Primer: Apply by roller or squeegee, working the resin well into the surface. On porous surfaces apply further resin until the surface is completely wetted out. Push out the resin as thinly as possible without ponding. The uncured resin may be broadcast with a suitable size aggregate to accommodate the specified top coat system.

Topcoat: Apply with epoxy rakes at a minimum of 1mm thickness and spike roll.

OPTIONAL FINISHES

Standard finish: Gloss
Optional finish
Matt sealer coat – Vuka Super Satin

CURING

The primer must be allowed to cure for 10hrs before overlaying with epoxy or polyurethane systems. Topcoats must be allowed to cure 48hrs before trafficking. At 25C constant, excessive traffic, aqueous contact and exposure to aggressive chemicals should only take place after 7 days when full cure has been achieved. At 10C constant, full cure would take a minimum of 12 days.

STORAGE

12 Months from date of production if stored in original sealed containers in dry conditions at temperatures between +5C and +30C.

HEALTH AND SAFETY

Use of basic principles of industrial hygiene and protective clothing such as gloves, goggles, masks

will enable the product to be used safely. Splashes into eyes should be washed immediately with clear water and medical advice sought.

BILL OF QUANTITY DESCRIPTIONS

Contact Vuka Floors for a detailed bill description to suit your specific requirements.

MODEL SPECIFICATION

Prepare surface and prime with Vuka Seal Coat at 4m²/L then apply Vuka Seal Coat at 1L/m² in strict accordance with the technical data obtainable from Vuka Floors. All work to be done by Vuka Floors approved applicators.

CAUTIONARY NOTE

Do not add solvent for any reason.

FURTHER INFORMATION

This product will change in colour over time. Especially when subject to high levels of UV and or chemical attack. For best colour stability consult our technical department. This does not compromise the products physical and chemical resistance characteristics.

Vuka Floors products are guaranteed against defective materials and manufacture and are sold subject to its Terms and Conditions which may not be overridden in any other legal documentation.

Whilst any information contained herein is true, accurate and represents our best knowledge and experience at the date of issuance it is subject to change without prior notice. User must contact Vuka Floors to verify correctness before specifying or ordering. No warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

Figures given for consumption / spread rates are theoretical and do not allow for additional materials due to surface profile, porosity, variations in level and wastage etc.