

## VUKA COAT 300

### DESCRIPTION

Solvent free, unfilled coloured epoxy resin providing a durable topping.

### USES

Designed for sealing of concrete surfaces as well as a finishing topcoat to covered skirting, bases, plinths and the like. Also used as a coloured primer to highlight any floor imperfections.

### BENEFITS

Good chemical resistance  
 Solvent free – safe to apply - odourless  
 Good mechanical properties  
 Seamless  
 Liquid proof  
 Hard wearing – abrasion resistant  
 Self smoothing

### PROPERTIES

The following are typical properties achieved at 25C and 50% relative humidity.

Drying	25 C	24hrs
Overcoat	25 C	10hrs to 24hrs
Theoretical coverage		6m <sup>2</sup> /Litre per coat
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 50 C
Water Permeability		Nil – Contest test. (Impermeable)
Compressive Strength:		>70 N/mm <sup>2</sup> SM SABS 863:1994
Flexural Strength:		>25 N/mm <sup>2</sup> SM SABS 864:1994
Tensile Strength:		>20 N/mm <sup>2</sup> SM SABS 1253:1994



Product colours will differ slightly and it is best to obtain actual colour samples where required. See colour chart for full range of standard colours.

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Bond Strength: Greater than cohesive strength of 25N/mm<sup>2</sup> concrete > 1.5 N/mm<sup>2</sup> Proceq Dyna

### SURFACE REQUIREMENTS

Concrete / Grano surfaces must have a minimum compressive strength of 25N/mm<sup>2</sup>, a minimum tensile strength of 1.5N/mm<sup>2</sup>, be at least 40mm thick. The substrate must be dry, free of oils waxes fats and other contaminants. 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.**

### MIXING

Do not split kits. Vuka Coat 300 – pre stir base and activator. Add the entire activator to the base and using a slow speed paddle fitted to a vari speed drill at 300rpm mix for 2 minutes until even coloured. Be sure to run the paddle along the container sides and bottom to blend in unmixed components which might cling to walls.

### APPLICATION

Apply the required number of coats of Vuka Coat 300 by roller or brush and allow to cure.

### OPTIONAL FINISHES

Standard finish: Gloss  
Optional finish  
Matt sealer coat – Vuka Super Satin  
LAS - Light Anti Slip  
MAS - Medium Anti Slip  
HAS – Heavy Anti Slip

### CURING

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.

### CHEMICAL RESISTANCE

For chemical resistance information please contact our Technical Department

### STORAGE

12 Months from date of production if stored in original sealed containers in dry conditions at temperatures between +10C 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 Prime 102 at 4m<sup>2</sup>/L and install 2 coats Vuka Coat 300 at 4m<sup>2</sup>/L per coat solvent free epoxy in strict accordance with the technical data obtainable from Vuka Floors. All work to be done by Vuka Floors approved applicators.

### REFERENCE PANEL

A reference sample should be installed by the applicator prior to the start of the contract to ensure correct coverage, workmanship and acceptance by the client as a standard for the project.

### 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 COAT 300**

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.