

## VUKA RESIST 340 FG (FOOD GRADE)

### DESCRIPTION

An epoxy coating utilising FDA compliant resins for coatings in contact with food, potable water or alcoholic beverages containing up to 15% alcohol by volume.

### USES

Protection of concrete storage tanks.  
Protection of food storage tanks.  
Potable water and brewery tank linings up to 15% alcohol by volume.

### BENEFITS

Solvent free  
Non-tainting, quick curing  
Food safe  
Monolithic seamless finish  
High abrasion and impact resistant  
Easy to clean and sterilise  
Resistant to a broad range of chemicals

### CHEMICAL RESISTANCE

Resistant to mild acids, Deionised water, 10% Acetic acid, 50% Sodium Hydroxide and Alcoholic beverages

For full chemical resistance information please contact our Technical Department.

### TYPICAL PROPERTIES

Nonvolatile content	100%
Pot Life	15 minutes
Dry to recoat @ 20°C	5 to 48hrs
Temperature resistance	wet 50 °C dry 70 °C
Water absorption	nil
Application temperature	Min 10 °C Max 30 °C

### 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.**

### SURFACE PREPARATION

Concrete and plaster surfaces to be clean, sound, laitance and dust free and have a maximum moisture content of 4%. Abrasive grinding followed by vacuum cleaning is preferred. The surface must show open pores throughout.

G.R.P. laminates to be thoroughly abraded and wiped with Vuka Solvent.

Steel surfaces to be grit blasted to S.A.2½. Where grit blasting is not possible surfaces to be thoroughly mechanically prepared to remove all loose rust.

### PRIMING

Concrete and plaster surfaces, apply Vuka Prime 102.

Grit blasted steel surfaces, apply Vuka Prime 366  
Steel surfaces prepared by mechanical means, apply Vuka Prime 340 FG.

G.R.P. laminates and polystyrene - no primer required.

### MIXING

Vuka Resist 340 FG is a pre weighed kit for optimum performance and must not be split. Using a slow speed paddle fitted to a vari speed drill at 300rpm mix for 2 minutes.

### INSTALLATION SERVICE

The installation shall be carried out by a Vuka Floor approved contractor with a documented quality assurance program.

## **VUKA RESIST 340 FG (FOOD GRADE)**

All work to be executed in accordance with our comprehensive installation methodology.

Different environments cannot always be covered by a standard blanket specification, therefore always contact our technical department for a project specific design.

### **BILL OF QUANTITY DESCRIPTIONS**

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

### **CURING**

At 25 C the surface can be exposed to light traffic after 24hrs. At 25 C 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**

If stored in original, unopened and undamaged sealed containers in dry conditions at temperatures between +10 C and +25 C.  
Part A & B: 12 months from date of production.

### **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.

### **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 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.