

## VUKA PRIME 104

### DESCRIPTION

Vuka Prime 104 is a solvent free epoxy resin liquid applied as a surface damp proof membrane to control the passing of moisture vapour from concrete surfaces and allow the quick application of synthetic resin impermeable coatings and screeds.

### USES

Allows the installation of moisture sensitive floor finishes as early as 5 days after concrete has been placed.

### BENEFITS

Permits early overlaying with vinyl's, carpets and resin coatings without the normal 3 week drying out period being observed  
Impervious to water  
Slows and controls vapour transmission  
Solvent free, low odour  
Good adhesion to concrete and screeds

### CHEMICAL RESISTANCE

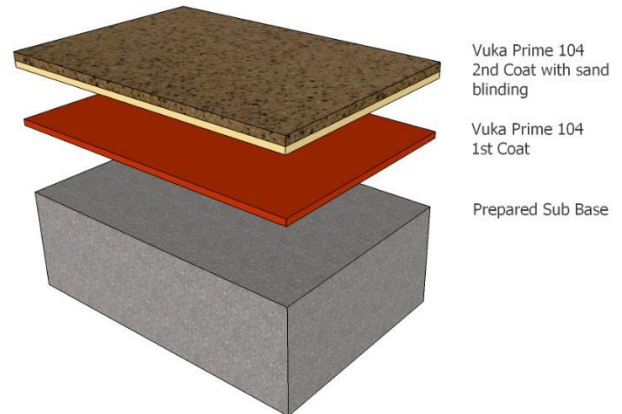
For chemical resistance information please contact our Technical Department

### PROPERTIES

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

Pot life	25 C	25 minutes
Light traffic	25 C	18hrs
Overcoat	25 C	6hrs minimum
Bond Strength:		Greater than cohesive strength of 25N/mm <sup>2</sup> concrete > 1.5 N/mm <sup>2</sup> Proceq Dyna
Compressive strength		>45 N/mm <sup>2</sup>
Tensile strength		15N/mm <sup>2</sup>
Theoretical coverage		4m <sup>2</sup> / Litre per coat as a 2 coat system

### ILLUSTRATION



### SURFACE REQUIREMENTS

Surface moisture content must not exceed 7% at 99% relative humidity. 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 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.**

### 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

Using a rubber squeegee or a medium nap roller apply two coats at 4m<sup>2</sup>/Litre per coat allowing 6 hours between coats. Second coat to be applied at right angles to the first and blinded with silica sand of a grading to accommodate the specified top coat system.

## **VUKA PRIME 104**

### **CURING**

The primer must be allowed to cure for 10hrs before overlaying with specified finishes.

### **CAUTIONARY NOTE**

Vuka Prime 104 is not designed to resist hydrostatic water pressure. External tanking or pressure relief must be provided.

### **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.

### **BILL OF QUANTITY DESCRIPTIONS**

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

### **MODEL SPECIFICATION**

On prepared concrete / screed floors apply 2 coats of Vuka Floors Vuka Prime 104 epoxy damp proof membrane at 4m<sup>2</sup>/L per coat broadcasting silica sand into the second coat all in strict accordance with the technical data obtainable from Vuka Floors. All work to be done by Vuka Floors approved applicators.

### **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.