

## VUKA CRETE WR

### DESCRIPTION

Vuka Crete WR is a light weight trowel applied cove / vertical render water based polyurethane screeding compound often used in conjunction with other polyurethane flooring systems but on vertical surfaces.

### USES

Forms chemically resistant coving, fillets, gulleys, wall finishes and drainage systems. Ties in monolithically with polyurethane floors forming a seamless surface to plinths, tank bases and effluent pits.

### BENEFITS

- Quick curing time, non tainting
- Monolithic seamless hygienic finish
- Resistant to a broad spectrum of chemicals
- Will not support bacteria growth
- Standard colour range
- Heat resistant at 9mm from -40°C to +120°C
- Can tolerate steam cleaning
- Available in standard colour range

### CHEMICAL RESISTANCE

For chemical resistance information please contact our Technical Department

### ANTI MICROBIAL ADDITIVE

The ULTRA FRESH anti-microbial additive incorporated into Vuka Crete WR inhibits the growth of most bacteria and fungi in contact with the floor. This results in a daily hygienic advantage through the use of anti-microbial technology. It is intended to compliment good housekeeping practices and a suitable cleaning regime.



grey      dark grey      yellow      red



sahara      green      ferrari      blue

Product colours will differ slightly and it is best to obtain actual colour samples where required.

## VUKA CRETE WR

### PROPERTIES

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

Light traffic @ 20°C	24hrs
Heavy traffic @ 20°C	2 Days
Full cure @ 20°C	7 Days
Compressive strength	>50Mpa SABS 863:1994
Tensile strength	>10Mpa SABS 1253:1994
Flexural strength	>20Mpa SABS 864:1994
Hardness Shore D	80
Impact Resistance	ISO6272-1:2011 1kg weight >1.8m 2kg weight >1.5m
Water absorption	Nil – Contest test. (Impermeable)
Bond Strength	Greater than cohesive strength of 25N/mm <sup>2</sup> concrete > 1.5 N/mm <sup>2</sup> Proceq Dyna
Temperature resistance	6mm -25 °C to 100 °C
Temperature resistance	9mm -40 °C to 120 °C

### COLOUR STABILITY

This product is not colour fast and will change colour over time especially when exposed to direct sunlight and high intensity lighting. Exhibits a yellowing effect most noticeable in the grey. The discolouring does not compromise the products chemical resistance or physical characteristics.

### 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.**

### PRIMING

The prepared substrate must be sealed with Vuka Crete Primer or Vuka Prime 102, porous verticals

might require two coats. Allow primer to become tacky before applying Vuka Crete WR.

### MIXING

Vuka Crete WR is a pre weighed kit for optimum performance and must not be split. Vuka Crete WR – Pre stir base and activator. Decant both components into a rotary drum mixer and blend for 1 minute. Slowly add the aggregate and homogenise for a further 3 minutes until a fully wetted lump free mixture is obtained.

### APPLICATION

Apply the mixed Vuka Crete WR by plasterers trowel or coving trowel into the tacky primer and float to the desired finish at a nominal thickness of 6mm or 9mm. Apply 2 seal coats Vuka Crete LC.

### 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.

### 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.

Part C: 8 months from date of production. Must be protected from humidity.

### 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.

## **VUKA CRETE WR**

### **BILL OF QUANTITY DESCRIPTIONS**

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

### **MODEL SPECIFICATION**

Prepare and prime vertical surfaces and install Vuka Crete WR water based polyurethane compound at 6mm. Rub down and seal with 2 coats Vuka Crete LC all 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 the 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.