

## VUKA SEAL 205

### DESCRIPTION

Vuka Seal 205 is a transparent liquid chemical compound which penetrates masonry surfaces reacting with soluble salts within the mortar to seal, harden and dust proof the surface.

### USES

For waterproofing, case hardening and preventing the ingress of oil and other contaminants.

It prevents the dusting of concrete floors and improves resistance to deterioration of poor quality mortar and plaster.

Factories and warehouses  
Dispatch Bays  
Large Storage areas  
Logistics Centers  
Container terminals

### BENEFITS

Easy application  
Can be applied to new surfaces (7-10 days old) thus suitable with fast track construction.  
Provides oil resistance  
Case hardens and dust proofs  
Typically 35% improvement in abrasion resistance  
Can be over coated  
Cost effective

### CHEMICAL RESISTANCE

For chemical resistance information please contact our Technical Department

### PROPERTIES

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

|                         |                                     |
|-------------------------|-------------------------------------|
| Drying 25 C             | Traffic 4-6 hrs                     |
| Overcoat 25 C           | Minimum 2 to 4hrs                   |
| Theoretical coverage    | +5-8m <sup>2</sup> / Litre per coat |
| Application temperature | Min 5C Max 35C                      |



### 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.

### MIXING

Mix as supplied. Refer to Method Statement.

### APPLICATION

Soiled or oil stained concrete should be thoroughly cleaned using an alkaline degreasing detergent. Vuka Seal 205 is then applied to the surface with a watering can and then swept with a soft broom. Do not leave standing puddles. Apply in 2 or 3 treatments allowing a minimum 2 to 4hrs curing

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between each treatment. Refer to Method Statement.

### **CURING**

At 25 C the sealer must be allowed to cure for 4hrs before being exposed to traffic. 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 +5 C and +30 C.

### **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 apply 3 coats of Vuka Floors Vuka Seal 205 surface treatment 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 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.