

VUKA SEAL UV

DESCRIPTION

Vuka Seal UV is a multi-component solvent borne polyurethane sealer available in standard colours for treatment of concrete, grano, wood, fiberglass and steel with excellent UV stability.

USES

Wall and floor sealer suitable for hospitals, food processing plants, marine applications above water level, ablution blocks, schools, public buildings, machinery and structural steel workshops and the like.

BENEFITS

Tough protective and decorative coating
Excellent UV resistance
Excellent flexibility
Excellent adhesion to concrete/grano screeds, metals, fiberglass and wooden surfaces
High abrasion resistance
Outstanding weather ability and chalk resistance
Cures to a gloss finish
Economical and easy to apply
Available in a standard colour range

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	25C	8hrs
Touch dry	25C	25min
Overcoat		Min 2hrs Max 40hrs
Light traffic		24hrs
Full cure		7 Days
Theoretical coverage		8-10 m ² /Litre per coat
DFT		+60microns per coat
Service temperature		60C
Application temperature		10C – 30C



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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SURFACE REQUIREMENTS

Concrete / Grano surfaces must have a minimum compressive strength of 25N/mm², a minimum tensile strength of 1.5N/mm², be at least 40mm thick. The substrate must be dry, free of oils waxes fats and other contaminants. Abrasive grinding followed by vacuum cleaning is preferred. **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 Seal UV. Grit blasted steel surfaces, apply Vuka Prime 366 Steel surfaces prepared by mechanical means, apply Vuka Seal UV Steel Primer. G.R.P. laminates and polystyrene - no primer required.

MIXING

Kit components are pre-weighed for optimum performance therefore never split or proportion a kit. Pre stir base and activator each for one minute. Combine the components and mix thoroughly for 3 minutes with an impeller fitted to a variable speed drill scraping the sides and bottom of the container. The use of flameproof equipment is advised. The mixed material must be left to stand for 20 minutes prior to application with a lid on and not in direct sunlight.

APPLICATION

Apply with a high quality genuine mohair roller. Two or three coats may be applied allow a minimum of 2hrs drying between each coat.

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.

OPTIONAL FINISHES

Standard finish: Gloss
Optional finish
Matt
LAS - Light Anti Slip

CHEMICAL RESISTANCE

Resistant to most dilute solutions of acids, alkalis and solvents.

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. Ensure work area is well ventilated during application and drying. Avoid flames in vicinity. 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.

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MODEL SPECIFICATION

Prepare surface and apply Vuka Floors 3 coats Vuka Seal UV at 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.