

VUKA PRIME 103

DESCRIPTION

Vuka Prime 103 is a medium viscosity, moisture tolerant epoxy compound with high chemical resistance.

USES

As a primer, pore sealer and adhesion promoter on prepared concrete or grano screeds.

Can be used as an epoxy screed.

In areas subject to attack by acetic acid, lactic acid and sugars such food and beverage factories.

BENEFITS

Cures at low temperatures

Cures under damp, humid conditions

Withstands water, chemical & solvent immersion

Solvent free, no VOC

Flexible & impact resistant

Versatile - can be used as a laminate or screed

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	20 minutes
Light traffic	25C	24hrs
Full cure	25C	7 days
Overcoat	25 C	10hrs to 24hrs
Theoretical coverage	4m ² / Litre per coat	
Compressive strength	>70 N/mm ²	
Bond Strength:	Greater than cohesive strength of 25N/mm ² concrete > 1.5 N/mm ² Proceq Dyna	

SURFACE REQUIREMENTS

The surface may be damp but must be free of standing water. 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 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

Apply by roller or squeegee, working the resin well into the surface. On porous surfaces apply further resin until the surface is completely wetted out. Push out the resin as thinly as possible without ponding. The uncured resin may be broadcast with a suitable size aggregate to accommodate the specified top coat system. For screed applications consult Vuka Floors Technical Department.

CURING

The primer must be allowed to cure for 10hrs before overlaying with epoxy or polyurethane systems. 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.

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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.

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.