

# Vuba-Ultracoat



## Warehouse



## Factory



### Product Description

Epoxy Floor Paint for Industrial Floors.

### Introduction

Vuba-Ultracoat is a heavy duty solvent free high build epoxy floor coating. Ultracoat possesses excellent abrasion and chemical resistance and its high build characteristics permit the application of coatings in excess of 0.25mm per coat. Two coats of this epoxy industrial floor paint can provide a build equivalent to ten coats of conventional solvent containing coatings. Even on rough and uneven substrates, Ultracoat can provide a smooth and easily cleanable surface with long lasting durability.

### Composition

Ultracoat is a solvent free epoxy resin combined with abrasion resistant fine fillers.

### Size

5kg unit.

### Components

Each unit of Ultracoat comprises of one part Resin (Base) and one part Hardener. Both components are pre-weighed, ready to mix.

### Coverage Guide

You can typically achieve approximately 16-24m<sup>2</sup> per coat averaged over 2 coats with a 5kg unit, depending on the substrate type and condition. Smooth surfaces in good condition are more likely to achieve the full coverage than rough and damaged substrates. The thickness applied can also affect coverage achieved. Please contact us if you require further advice.

### Appearance

Ultracoat provides a smooth gloss surface finish.

### Availability

We aim to dispatch all standard orders received before 12pm for next day delivery. Custom colours and non-stock items may take up to 3-5 days.

### Typical Installations

Ultracoat epoxy industrial floor paint is typically applied in areas requiring good wear and chemical resistance which can be achieved effectively with this high build solvent free coating. It is suitable for warehousing, toilets, food preparation areas, garages, engineers stores and other similar industrial environments. Ultracoat is also commonly applied in domestic garages for a luxury floor finish that lasts much longer than standard floor paints which require regular touch ups.

### Anti Slip

By using aggregate with this paint you can achieve a 'Low' rating for slip resistance according to the BS 7976 pt 1-3 2002. Vuba-Adsafe can be applied in various ways. For the recommended two coat application, you should broadcast the additive into the first coat and seal in with the second once cured. For more detailed guidance and alternative methods, including single coat application, please consult the Vuba-Adsafe product data sheet.

**Note:** The slip resistance of a floor surface can vary as a result of the installation process, conditions at the time of application and subsequent traffic. Inappropriate cleaning or maintenance can adversely affect the performance. For further advice on potential wet areas please consult Vuba Supplies. Grades available: see below.



Non-Abrasive



Fine



Medium



Coarse

### Durability

Ultracoat possesses excellent long-term wear resistance to regular heavy duty traffic.

### Thickness

Ultracoat can be applied from 0.4mm to 1mm depending on the application rate and number of coats.

### Substrates

Ultracoat adheres well to a range of surfaces including concrete, cementitious screeds, asphalt and metals. Some substrates may require priming with a specialist primer. Please contact us for an advice or if you have an enquiry regarding alternative substrate types.

### Samples

To ensure that you are choosing the right product for the job, we always recommend purchasing an appropriately small amount to trial first. This allows you to gauge the achievable coverage as well as seeing the type of finish and colour in person, which may sometimes appear differently to on the screen or printed out. This is also a good chance to practice the application method which may be a useful process if previous experience with two part resins is limited. Hard samples are also available upon request and can usually be posted within 1-2 days.

### Preparation

To ensure maximum adhesion and performance from Vuba products the correct preparation methods must be adhered to. Please see our 'Vuba Floor Preparation Data Sheet' for more information.

**Tip:** ensure you have a mixing area clearly set out and you have planned the application process well before mixing, ensuring all tools are ready to be used so that the product pot life can be used effectively.

### Priming

Ultracoat does not normally require a primer. When treating extremely weak or porous concrete it is advisable to prime with Epiprime or Hydraprime. New, contaminated or extremely weak surfaces may require a specialist primer. Please contact Vuba if in doubt.

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## Colours



**Note:** The colours represented here act as a guide only. If the colour or final aesthetics are of prime concern, please contact us and request an actual sample of the required colour and product. Colour matching to RAL or BS can be offered on request from the Technical Department. We reserve the right to adjust or discontinue any colour in any range.



### Ambient Temperature

The ambient temperatures of the areas should not be allowed to fall below 10°C throughout the application and the curing period, as this could have an adverse effect on the appearance and colour of the system. Surface temperature must be above 5°C. Where possible it is recommended that the application area is heated to a minimum temperature of 15°C ideally to allow the ambient and substrate temperature to stabilise prior to installation.

### Mixing

Pre-mix the coloured base component to a uniform consistency then add the full contents of Hardener B to the Resin A (Base) container and mix with a slow speed stirrer (use a mixing paddle attached to an electric drill) for at least two minutes or until the two components have fully combined.

**Important:** Both liquids are pre-weighed and designed to be mixed together in their entirety. It is essential that the full amounts are mixed together and until homogenous to ensure the product cures correctly and to the desired finish.

### Application Technique

Pour immediately into a paint tray or directly on to the floor surface from the container. Use standard floor paint brushes to cut in at the floor edges and intricate areas, and roll over open areas using a good quality medium pile nylon roller. Our coating application kits contain all the appropriate items. Push the resin well into the surface making sure the floor is fully wetted and then pull back lightly with the roller to the required thickness. Allow first coat to cure and reapply in the same manner. Follow the cure schedule stated below for timing guidance.

**Tip:** Try to avoid leaving the paint sat in the tub for extended periods once mixed, as the pot life may be reduced and usability could be compromised quicker than expected. You should aim to pour out and apply well before the end of the product pot life.

### Tool Cleaning

Vubasolve xylene solvent should be used to clean any reusable tools. Splashes or spillages can also be removed with the help of Vubasolve and wiping with rags.

**Tip:** remove your roller refill from the frame immediately after

### Cure Schedule (Assumed 20°C)

Pot Life	20-25 minutes
Intercoat Period	6-24 hours
Light Traffic	12-16 hours
Heavy Traffic	24-48 hours
Full Cure	Up to 7 days

For lower temperatures the times will be extended, and equally shortened for higher temperatures

### Maintenance

Ultracoat floors can be easily cleaned using Vuba-Supaclean heavy duty alkaline cleaner. For increased protection you may wish to apply Vuba-Supasheen high solids floor polish. Our tyre mark remover is also safe to use on this epoxy industrial floor paint if required.

**Tip:** for a longer lasting floor coating, general good housekeeping is always worthwhile. You ought to clean regularly and ensure any spillages are immediately addressed.

### Health and Safety

Please ensure that the relevant material safety data sheets are read and understood before applying this product. Contact us if you require further guidance.

### Technical Data

Slip Resistance	Dry > 50 Method BS7976 pt1-3 2002
Temperature Resistance	Tolerant of temperatures up to 45oC
Chemical Resistance	Good Chemical Resistance Consult Vuba on specific materials
VOC	197 g/l (Calculation based on a full mixed unit)
FeRFA Category :	3