

# Vuba-Coat Epoxyshield



## Application



## Industrial Strength

### Product Description

Very Heavy Duty Epoxy Floor Coating

### Introduction

Vuba-Coat Epoxyshield is a very heavy duty 100% epoxy floor coating for extra abrasion resistance and durability. This two-pack coating is ideal for painting warehouses, production facilities and engineering workshops, and most other environments requiring a hard wearing, hygienic floor finish. Epoxyshield is ideal for regular cleaning of spillages and regularly trafficked floor aisles, walkways and production areas.

### Composition

Solvent-free high build epoxy resin.

### Size

5kg Unit

### Components

Each unit of Epoxyshield comprises of one part Resin and one part Activator.

**Note:** Both components are pre-weighed, ready to mix in their entirety.

### Coverage Guide

You can typically achieve up to 20m<sup>2</sup> per coat with a 5kg unit depending on the substrate type and condition.

**Note:** 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

Epoxyshield epoxy floor paint provides an excellent smooth gloss coloured surface finish.

### Availability

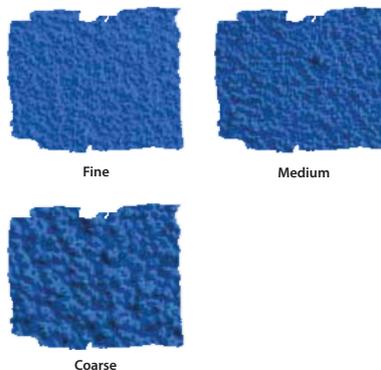
We aim to dispatch all standard orders received before 12pm for next day delivery. Custom colours and non-stock items may take up to 3-5 days.

### Typical Installations

Epoxyshield is typically applied to paint factory floors, warehouses and storage room areas. It is a popular epoxy coating for busy engineering units, automotive workshops and providing dust-free and easily maintained finish.

**Note:** Being low odour, Vuba-Coat Epoxyshield is ideal for use throughout industry including the food sector where solvent-based products are obviously unacceptable but hard wearing finishes are critical.

### Anti Slip



By using aggregate with this paint you can achieve a 'Low' rating for slip resistance according to the BS8204. Vuba-Adsafe can be applied in various ways with this coating. 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. Grades available: see below.

### Durability

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

### Thickness

Epoxyshield can be applied from 0.2mm to 0.5mm depending on the application rate and number of coats.

### Substrates

Vuba-Coat Epoxyshield adheres well to a range of surfaces including concrete, sand and cement and certain types of asphalt. Please contact us 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 epoxy paint 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

Epoxyshield is generally self-priming, however in some instances we would recommend priming first with Vuba-Epiprime Epoxy Primer. This may include when the surface is subject to extremely heavy abrasion or when treating weak or porous substrates. In these instances priming can be important in ensuring the longevity of the applied product.

**Note:** Primer should not be left longer than 48 hours for the paint. Normally you would paint the floor next day. For contaminated floors (e.g. moisture or oil), you may need a specialist primer. Please contact us for guidance

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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

Although Epoxyshield will apply and cure above 10°C, an ambient temperature in excess of 15°C is preferable. Surface temperature must be above 5°C throughout the application and curing periods.

## Mixing

Add the full contents of Activator B to the Resin A container and mix with a slow speed stirrer for at least two minutes.

**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 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 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, following 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 application so the frame can be used again.

## Cure Schedule (Assumed 20°C)

Pot Life	25 minutes
Intercoat Period	6 hours
Light Traffic	12-16 hours
Full traffic	24 -36 hours
Full Cure	7 days

**Note:** For lower temperatures the times will be extended, and equally shortened for higher temperatures.

## Maintenance

Epoxyshield 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.

## Storage

Keep out of direct sunlight. Store in a dry place, not below 15°C

## Technical Data

Solids content by weight	100 %
System thickness (dry)	200 microns
Temperature Resistance	up to 45°C
VOC	197 g/l (full mixed unit)
Slip resistance	Dry > 60 (Method)
BS7976	pt1-3 2002)

## 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.