Vuba-Epiprime

Product Shot

Application

Product Description
Epoxy Primer

Introduction
Epiprime is a low viscosity solvent free epoxy primer used to seal and prime surfaces prior paint or screeding. Vuba epoxy primer is an industrial twin pack primer that is absorbed into the existing substrate, curing stronger than concrete itself, sealing effectively to prevent the potential of bubbling through to the final surface finish. Often by using Epiprime epoxy primer, the jobs costs are reduced due to improved overcoat coverage with the more expensive resin top coats or screeds. This epoxy primer is compatible with and adheres to an extensive range of epoxy resin and polyurethane resin flooring systems, and is often considered essential for ensuring a professional finish.

Composition
Epiprime is a clear unfilled two pack epoxy resin of low viscosity.

Size
5kg Unit

Components
Each unit of Vuba-Epiprime epoxy primer consists of one part Resin and one part Activator. Both components are pre-weighed and ready to mix.

Important: Both components should be mixed together in their entirety. Any part mixing is done at the user's risk of compromising the cure of the product.

Coverage Guide
We recommend applying up to 25m2 per coat with a 5kg unit depending on the substrate type and condition. Smooth surfaces in good condition are more likely to achieve the advised coverage or even beyond, compared to rough and damaged substrates. The thickness applied can also affect coverage achieved. Please contact us if you require further advice.

Tip: Try to avoid under ordering and leaving yourself short on material. Any neglected floor areas may be identifiable once the top coat or screed has been applied.

Appearance
This epoxy primer cures to provide a transparent sealed finish ready for overcoating or screeding.

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
Paints:
Epiprime epoxy primer is commonly used to seal substrates prior to application of resin floor paints. Epiprime seals the surface, allowing the user to achieve a smooth finish and full coverage with the top coat application.

Levelling Compounds:
When applying levelling compounds onto smooth surfaces such as power floated concrete or marine plywood, to achieve a successful bond you are required to create a 'sand carpet' in order to provide an appropriate key for bonding to. This requires application of Epiprime as standard but instantly followed by a liberal scatter of our specialist quartz aggregate. Once cured, any surplus aggregate can be swept away before applying your levelling compound.

Resin Screeds:
Epiprime is essential when installing epoxy or polyurethane self smoothing screeds. You should prime well to ensure an effective bond is achieved and also to prevent the likelihood of imperfections in the final screed finish. We often recommend applying as thick as 10-20m2 per 5kg unit for best results.

Durability
Epiprime epoxy primer is manufactured from an industrial strength epoxy resin which possesses very high bonding strength to existing substrates, even when subjected to heavy loads. However, an epoxy primer is not deemed suitable to be left as a final wearing finish, and therefore the ultimate strength of your flooring finish relies upon the selected top coating or screed.

Thickness
The applied dry film thickness of Epiprime is approximately 150-200 microns.

Substrates
Epiprime epoxy primer adheres to concrete, metal, wood and most other flooring compositions. Please contact us with alternative substrate enquiries.

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 twin pack epoxy primers is limited. Hard samples may also be 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 efficiently.

Application Conditions
The ambient temperature should be maintained between 5-30°C during the application and curing phases. You should also ensure a maximum moisture content of 75% relative humidity prior to application.

Tip: If you are uncertain of the substrate moisture levels, especially on newly laid substrates, hire a Hydrometer from Vuba to ensure you get the timing right.

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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. Try to avoid leaving the mixed epoxy primer 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.

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 uniform finish.

Application Technique

Pour mixed epoxy primer into a paint tray or directly onto 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 epoxy resin primer 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 if required. Follow the cure schedule stated below for timing guidance.

Tip: Before application, wrap your roller refill with duct tape and pull away to ensure any loose material is removed. This will avoid 'shredding' into the epoxy primer during application.

Important: Try to avoid leaving the epoxy primer 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 can 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 (20ºC)

Pot Life @ 20° C	20-30 mins
Pot Life @ 10° C	45-60 mins
Hard Dry @ 20° C	15-20 hrs
Hard Dry @ 10° C	16-24 hrs
Full Cure at 20° C	5-7 days

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

Health and Safety

Please read the relevant Material Safety Data Sheets provided in compliance with the requirements of EC Directive 91/155 before commencing application.

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