



Your Product Datasheet

Vuba Epiprime



Literature Code:

V-HG-420

What is Vuba Epiprime?

Vuba Epiprime is a fast curing, high strength, 2-component epoxy resin primer, for the use in the preparation of floors prior to the application of a variety of surfaces. Epiprime epoxy primer can be used to remove porosity of a surface whilst increasing the strength of the substrate. It can be used with multiple flooring and screed systems including the Vuba epoxy floor coatings and Vuba resin bound range.

Epiprime is a low viscosity solvent free epoxy primer which is designed to absorb into the existing substrate, curing stronger than concrete itself, sealing effectively to prevent the potential of bubbling through to the final surface finish. Epiprime can be laid over whilst tacky to give an incredibly strong bond for resin mortars which have a dry mix.

This epoxy primer can be laid on to a smooth surface and seeded with a fine aggregate to provide a profiled surface, perfect to provide a mechanical key for any subsequent layers of coatings or screeds such as Valtex resin bound surfacing. Other typical applications include for the priming of substrates prior to the application of epoxy floor coatings such as our Vuba epoxy floor coatings range.

Precautions

Epiprime should be used in a well-ventilated area, with appropriate PPE such as gloves and protective eyewear. Should the material come in to contact with eyes, it should be immediately rinsed with sufficient clean water. For further and more detailed safety information and precautions, please refer to our Vuba Epicrete Material Safety Data Sheet (MSDS).



Features and advantages

- High strength – able to penetrate and consolidate a substrate
- Fast curing
- Excellent adhesion to concrete, steel, resin, asphalt, paving and tiles
- Ideal for removing porosity
- Effective resistance against many chemicals including gasoline and diesel
- No shrinkage once cured
- Can be used as a standalone product to reduce dust/increase substrate strength
- Easy to apply
- Easy to use
- Good compatibility with other flooring systems

Process for application

SURFACE PREPARATION

Prior to the application of Epiprime, the surface should be in a suitable condition to ensure that a good degree of adhesion can be made between the substrate and primer. For the best results we would recommend that the area is mechanically prepared for optimal results, either through the use of diamond grinding equipment, shot blasting or acid etching. The surface should be dry and free from oil, grease, chemicals and other contaminants. Loose or fractured material should be removed and the area to be repaired free from dust. Deviations should be repaired with an epoxy repair mortar such as Epicrete.

APPLICATION

Epiprime is supplied as a 2-component system for mixing on site. Part A and Part B components are mixed with a drill paddle or paddle mixer in the Part A container for 2 minutes, ensuring that both components are sufficiently mixed, creating a homogenous mixture. It should not be attempted to mix Epiprime manually due to possible inconsistent mixing. The pot life once mixed is approximately 40 minutes at 20 degrees Celsius. The pot life can be reduced in higher temperatures or increased

for colder temperatures. Epiprime is applied with a roller and brush. Once mixing is completed, Epiprime should be spread across the area it is to be applied to with a rubber squeegee, cutting in the edges with a brush and roller the open areas with a medium pile roller to ensure even coverage. Due to Epiprime curing through an exothermic reaction, the more Epiprime kept in the same place, the work time will be reduced.

PRODUCT COVERAGE

Each 5kg kit will cover approximately 30 square metres on average in one coat, on a substrate in a reasonably good condition. This may be significantly reduced for substrates with high absorbency or heavily profiled finishes. A maximum coverage of 40 square metres can be achieved for substrates in an ideal condition.

COLOUR AND FINISH

Epiprime provides a smooth, translucent finish, suitable for the application of a variety of floor systems including VanGuard epoxy floor coatings, Valtex resin bound, and other screeds and floor coatings. Epiprime can also be used as a standalone product to reduce dust and strengthen substrates.

Packaging and storage

PACKAGING

Epiprime is available as a 5kg and 25kg kit. Each kit consists of a resin (Part A) and an activator (Part B), in rigid metal containers.

**EPIPRIME 5KG PACK SIZE: (PART A)
3.33KG + (PART B) 1.67KG.**

**EPIPRIME 25KG PACK SIZE: (PART A)
16.65KG + (PART B) 8.35KG.**

Packaging should be disposed of appropriately through an authorised waste disposal site or service. Mixed product once cured can be disposed of as general waste.

STORAGE AND SHELF LIFE

Epiprime can be stored in its component form for up to 12 months in its unopened and sealed packaging at temperatures between 5 and 25 degrees Celsius. Unsealed product should be used as soon as possible.