



Vuba Epicrete

Epoxy Repair Mortar

What is Vuba Epicrete?

Vuba Epicrete is a fast curing, high strength, 2-component epoxy resin repair mortar, for the use in the repairs of floors and steps on a variety of surfaces. Epicrete epoxy repair mortar can be used where a self-priming repair mortar is required and can be used with many flooring systems including the Vuba epoxy floor coatings and Vuba resin bound range.

Typical applications include for the repair of damaged surfaces, the reinstatement of surfaces after intrusive works, construction of ramps and the prevention of trip hazards.

Features and advantages

- High strength – up to 5 times stronger than concrete
- Fast curing
- Excellent adhesion to concrete, steel, resin, asphalt, paving and tiles
- Self-priming
- Cures in low temperatures
- Effective resistance against many chemicals including gasoline and diesel
- No sag or shrinkage once cured
- Easy to apply
- Easy to use
- Good compatibility with other flooring systems



Packaging and storage

PACKAGING

Epicrete is available in two pack sizes: 5kg and 20g. Each kit consists of a pre-mixed resin and aggregate (Part A) and an activator (Part B), in rigid plastic containers.

**EPICRETE 5KG PACK SIZE:
(PART A) 2.5KG + (PART B) 2.5KG**

**EPICRETE 20KG PACK SIZE:
(PART A) 10KG + (PART B) 10KG**

Packing 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

Epicrete 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.

Process for application

SURFACE PREPARATION

Prior to the application of Epicrete, the surface should be in a suitable condition to ensure that a good degree of adhesion can be made between the substrate and repair mortar. 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. With the suitable preparation of the area as detailed above, priming of the surface is not necessary.

APPLICATION

Epicrete is supplied as a 2-component system for mixing on site. Part A and Part B components are mixed with a paddle mixer in a container for 3 minutes, ensuring that both components are sufficiently mixed, creating a homogenous mixture. It should not be attempted to mix Epicrete 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. Epicrete mortar is applied with a trowel to the area to

be repaired and smoothed with a concreting or pool trowel, ensuring that it is sufficiently compacted into the area to be repaired or formed. The surface can be smoothed with the use of a solvent based cleaner to clean and lubricate the trowel. The product can be applied from 50mm to a feathered edge. For applications greater than 50mm, it is necessary to complete this in multiple applications to gain the required depth.

PRODUCT COVERAGE

Product coverage is approximately 2kg per square metre, per mm. For example, 20kg would approximately cover 1 square metre at 10mm or 0.5 square metre at 20mm.

COLOUR AND FINISH

Epicrete provides a smooth, fine aggregate finish, encapsulated in epoxy resin, with a yellow/sand like colour.

Precautions

Epicrete 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).

Minimum Application Temperature	5°C
Maximum Application Temperature	30°C
Tack Free Cure Time	8-24hrs
Light Traffic	18-24hrs
Heavy Traffic	24-28 hrs
Full Cure Time	2 Weeks