



# Vetorep ER352

Twin pack putty formulated for thick vertical and overhead applications

## Uses

- Repair of concrete surface pores, blemishes at thickness from feather edge.
- Sealing of surface cracks in aggressive environments and in injection repairs.
- Leveling of surface imperfections and irregularities prior to application of Saveto resinous coatings and toppings range.
- Fixing and bedding of tiles, dowels and anchors.

## Product Description

Vetorep ER352 is a two component epoxy based thixotropic solvent free compound. Once components of the kit are mixed the products becomes a smooth creamy paste that is used to repair surface imperfections and irregularities, fill blow holes and pores while being completely impermeable and having excellent adhesive and bonding properties. The thixotropic nature of the products allows it to function in vertical and overhead situation without sagging while maintaining excellent bond.

## Advantages

- Smooth paste consistency that is non-slump.
- Chemically resistant compound.
- Superior bond to a wide range of substrates.
- Compatible with most coating and topping types.
- Can be feather edged and built up to a thickness of 3 mm in a single layer.
- Can be used to build up a thickness of 40mm for vertical applications, 20mm for overhead applications, and 3 mm for flooring (trafficable) in single layer.

## Standards Compliance

- ASTM C579
- ASTM D2369
- BS 6319, Pt3

## Technical Data

Vetorep ER352	Typical Values
Volume of Solids	100%
Working life	45-60 minutes @ 22°C
Fresh Mixed Density	Approximately 1.6 kg/ltr
Compressive Strength ASTM C579, 7 days	55 MPa
Tensile Strength ASTM C579, 7 days	12 MPa
Flexural Strength BS 6319, Pt3	23 MPa @ 28 Days
Bond Strength	> 2 MPa @ 20°C (Concrete Failure)
VOC Content ASTM D2369	<10 gm / Liter (LEED Compliant)

## Usage Instructions

### Surface Preparation

The surface must be structurally sound, free from oil, grease and other forms of contamination. Concrete should be surface dry and suitably prepared either by scabbling or grit blasting to remove any surface laitance.

Steel surfaces should be grit blasted to remove all rust and scale.

### Mixing

Vetorep ER352 comprises two components, a resin Base and a Hardener, which are supplied preweighed in the correct proportions. Under no circumstances should part mixing be carried out. When required for application, the two components should be mixed well until a uniform consistency and color are obtained, this should be ideally carried out using a mechanical mixer.

For bonding concrete sections, an even coating of product should be applied to both surfaces and these brought together under light pressure. Any excess paste which exudes from the joint should be removed and the joint trowelled to a neat finish. The assembled sections should be protected from movement until the resin is set. Where Vetorep ER352 is to be used as a bonding primer in the vertical or overhead position, an even layer of Vetorep ER352 should be applied to the surface and worked well in to ensure good contact. The material to be bonded should then be placed after approximately 30 minutes at 20°C. (This time refers to the total elapsed time from mixing the product). For patch repairs, Vetorep ER352 should be applied to the surface and finished to levels. A smooth surface will be aided by wetting the trowel sparingly with Vetonit Solvent 1. Vetorep ER352 can be applied to cracks or in accessible areas by means of a sealant gun.

Vetorep ER352 has a working time of approximately 45 minutes at 22°C. Mixed material should not be left standing for any length of time prior to application, as this will considerably reduce its working time.

### Curing

Vetorep ER352 shall be allowed to cure for 24 hours at 20°C before being subjected to foot traffic. At the same temperature, full mechanical and chemical properties are achieved after 7 days (please consult Saveto Technical Department for details of curing times at other temperatures).

### Cleaning

Clean uncured material with Vetonit Solvent XX400. Cured material can only be removed mechanically.

### Packaging & Coverage

Product	Pack Size	Volume
Vetorep ER352	5 Kg kits	3.1 Liters / 5Kg Kit

### Shelf Life & Storage

Original sealed kits of Vetorep ER352 has a shelf life of 12 months provided it is stored clear of ground in a dry and shaded temperature controlled place <35°C.

### Health & Safety

Vetorep ER352 Contains resins which may cause sensitization by skin contact. Avoid contact with skin and eyes and inhalation of vapor. Wear suitable protective clothing, gloves and eye/face protection. Barrier creams provide additional skin protection. Should accidental skin contact occur, remove immediately with a resin removing cream, followed by soap and water. Do not use solvent. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately. Do not induce vomiting.

Vetorep ER352 is non-flammable.

Vetonit Solvent XX400 is flammable, do not expose to direct flame and keep away from heat sources.

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