



Vetorep ER352

Twin-pack putty designed for thick vertical and overhead applications

Uses

- To repair pores & blemishes on concrete surfaces (at a thickness of a feather edge and up).
- To seal surface cracks in aggressive environments and to perform injection repairs.
- To level surface imperfections and irregularities before applying Saveto resinous coatings and toppings range.
- To fix and bed tiles, dowels, and anchors.

Product Description

Vetorep ER352 is a two-component epoxy-based thixotropic solvent-free compound. Once the kit components are mixed, they become a smooth, creamy paste used to repair surface imperfections and irregularities, fill blow holes and pores while being completely impermeable, and have excellent adhesive and bonding properties. The product's thixotropic nature allows it to function well in vertical and overhead situations without sagging & while maintaining excellent bonding properties.

Advantages

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

Technical Data

Vetorep ER352	Typical Values
Color	Gray
Volume of Solids (%)	100
Working Time (Hours)	2 -3
Fresh Mixed Density (kg/ltr)	Approximately 1.6
Compressive Strength - ASTM C579 @ 7 Days (MPa)	55
Tensile Strength - ASTM C579 @ 7 Days (MPa)	12
Flexural Strength BS 6319, Pt3 @ 28 Days (MPa)	23
Adhesive Bond (EN 1542) @ 20°C (MPa)	> 2 (Concrete Failure)
VOC Content - ASTM D2369 (gm / Liter)	< 40 (LEED Compliant)
Service Temperature (°C)	-20 to +70
Application Temperature (°C)	+5 to +35

Usage Instructions

Surface Preparation

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

Grit blast steel surfaces to remove rust and scale.

Mixing

The Vetorep ER352 kit contains two components, a resin base and a hardener. The kit is supplied & pre weighed in the correct proportions. Do not mix partial quantities. When required for application, mix the two components well until uniform consistency and color are achieved; It's recommended to use a mechanical mixer for this.

Application

To bond concrete sections, apply an even coat of the product to both surfaces, and bring them together under light pressure. Remove any excess paste which exudes from the joint. Trowel the joint to a neat finish.

Protect the assembled sections from movement until the resin sets. When using Vetorep ER352 as a bonding primer on vertical or overhead surfaces, apply an even layer of Vetorep ER352 to the surface and press it well to ensure good contact. Place the material to be bonded after approximately 1 hour at 20°C. (This time refers to the total elapsed time from mixing the product).

For patch repairs, apply Vetorep ER352 to the surface and finish it to a level.

Aid smooth surfaces by wetting the trowel sparingly with Vetonit Solvent XX400. Apply Vetorep ER352 to cracks or inaccessible areas using a sealant gun.

Vetorep ER352 has a working time of approximately 2 - 3 hours at 22°C. Don't leave the mixed material to stand for any length of time before applying it, as it will considerably reduce its working time.

Curing

Allow Vetorep ER352 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 the Saveto

Technical Department for further details about curing times at other temperatures).

Cleaning

Clean uncured material with Vetonit Solvent XX400. Remove cured material mechanically.

Legal Disclaimer

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Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Packaging & Coverage

Product	Pack Size	Consumption
Vetorep ER352	5 kg kits	3 m ² @ 1 mm thickness

Stated consumption data are for general guidance. Actual consumption depends on the nature of substrate, method of application, and wastage.

Shelf Life & Storage

The original sealed kit 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 below 35°C.

Health & Safety

Vetorep ER352 Contains resins that 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 solvents.

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

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.