

## DecoFloor Granite

High performance, premium decorative, smooth flooring system with granite effect

### Uses

- Engineered for healthcare and pharmaceutical facilities such as laboratories, clean rooms, and hospitals where hygiene is imperative.
- Provides easy maintenance for educational institutions such as schools, universities, research centers etc.
- Enhances decorative appeal in cultural and recreational spaces including museums, exhibition halls, stadiums etc.
- Ideal for high-traffic retail and commercial spaces such as shopping centers, showrooms, and department stores.
- Suitable for corporate settings (offices spaces, hotels, conference centers etc.).
- Can be used in public infrastructure (airports, metro stations etc.).

### Product Description

DecoFloor Granite is a high-performance, premium decorative, smooth flooring system designed for high-footfall interior commercial and industrial applications. It seamlessly integrates aesthetic appeal with structural integrity, offering a durable and visually striking surface.

The system features a four-layered composition for optimal performance:

- Vetotop DecoFloor Primer – A two-part, solvent-free, resin-based epoxy coating that enhances adhesion and forms a strong foundation.
- Vetotop DecoFloor Quartz – A high performance decorative quartz filler for decorative and slip resistance properties.
- Vetotop DecoFloor Binder – A two-part, turbid epoxy resin with low yellowing propensity and low viscosity, reinforced with high-performance synthetic quartz filler (Vetotop DecoFloor Quartz) to serve as the system's wearing course.
- Vetotop DecoFloor Topcoat: Vetotop UC372 or Vetotop UC371 – Clear, UV resistant, aliphatic protective finishing layer.

Engineered for long-term performance, DecoFloor Granite offers exceptional mechanical strength, superior chemical resistance, and an elegant decorative finish. Its total solids epoxy composition ensures low VOC emissions, making it suitable for indoor use, and its joint-free application prevents the accumulation of dust, bacteria, and moisture, ensuring easy maintenance and superior hygiene.

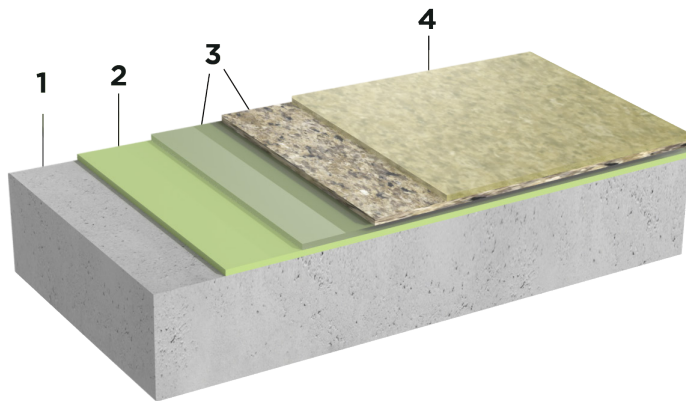
### Advantages

- Low VOC.
- Chemical and stain resistance.
- Very good UV resistance.
- Excellent mechanical properties.
- Superior abrasion resistance.
- Easy application.
- Resistant to microbial contamination, making it ideal for sterile and hygienic settings.
- Customizable finishes; available in matt or glossy texture.

### Technical Data

DecoFloor Granite System	Typical Values
Compressive Strength (N/mm <sup>2</sup> ) 7 days @ 23°C	~ 75
Flexural Strength (N/mm <sup>2</sup> ) 7 days @ 23°C	~ 33
Chemical Resistance	Excellent
Skid/Slip Resistance	Excellent
Impact Resistance - ASTM D2794	Pass

## System Design Package



### 1- Base Layer

#### 2- Primer:

Vetotop DecoFloor Primer (colored, resin-based epoxy coating)

\* Recommended thickness 200 microns

#### 3- Wearing Course:

A- Vetotop DecoFloor Binder (turbid epoxy resin binder)+

B- Vetotop DecoFloor Quartz (synthetic quartz filler)

\* Recommended thickness 1.5 - 2.0 mm

#### 4- Topcoat:

Vetotop UC372 for a clear matt finish, Vetotop UC371 for a clear glossy finish

\* Recommended thickness 100 microns

## Usage Instructions

### Surface Preparation

The substrate must be clean, dry, and free from contaminants such as dirt, oil, grease, existing coatings, and surface treatments. Remove all dust, loose, and friable materials thoroughly before application, preferably by vacuum. Suitable preparation methods include light grit blasting, surface grinding, or similar techniques to achieve a sound, rough surface profile.

Any spalled, fractured or defected asphalt and concrete surface must be repaired to allow the system to bond effectively to sound, monolithic surfaces. Use an epoxy mortar from the Vetorep ER range to repair all necessary areas before applying.

## Usage Instructions

### Application

#### 1. Primer Application

- Apply 1-2 coats of Vetotop DecoFloor Primer (two-part, solvent-free epoxy coating) onto a clean, dry, and properly prepared substrate.
- Ensure the primer is evenly distributed and fully absorbed to enhance adhesion.
- Allow the primer to cure as per the specified drying time before proceeding to the next layer.

#### 2. Wearing Course Application

- Mix Vetotop DecoFloor Binder (a turbid transparent epoxy resin) with Vetotop DecoFloor Quartz (synthetic quartz filler) in a ratio of 1:5-6.
- Apply the mixture evenly over the primed surface using a notched trowel or rake.
- Ensure a uniform thickness of approximately 1.5 - 2mm.
- After a minimum curing period of 24 hours, apply a suitable seal coat to reduce surface porosity, and improve mechanical and chemical performance.
- Allow the wearing course to fully cure before applying the topcoat.

#### 3. Topcoat Application (Finish Selection)

Depending on the desired finish, apply one of the following topcoat options:

- Glossy Finish: Apply 1 clear coat of Vetotop UC371 (Gloss Finish) for a smooth, high-gloss appearance.
- Matt Finish: Apply 1 clear coat of Vetotop UC372 (Matt Finish) for a subtle, elegant look.

### Key Considerations

- The detailed application and maintenance guidelines for the DecoFloor Granite System can be found in the Technical Data Sheets of the respective DecoFloor Granite components.
- The Technical Data Sheet provides a comprehensive system description, along with detailed step-by-step instructions covering surface preparation, substrate and environmental conditions (temperature, relative humidity) control, mixing, and application procedures.

## FLOORING

### Packaging & Coverage

Product	Criteria	Pack Size	Coverage
Vetotop DecoFloor Primer	1-2 primer coats	15 kg kit	~ 0.3 - 0.5 kg/m <sup>2</sup>
Vetotop DecoFloor Binder  +  Vetotop DecoFloor Quartz	Vetotop DecoFloor Binder + Vetotop DecoFloor Filler in a ratio of 1:1.5-2.5  ■ Broadcast over wet surface. ■ Trowel application of the binder-filler mixture	10 kg kit       25 kg bag	~ 4 - 5 kg/m <sup>2</sup> (Depends on application thickness)
Vetotop DecoFloor Topcoat	■ Vetotop UC371 (Gloss Finish) ■ Vetotop UC372 (Matt Finish)	4 liter kit	~ 5 m <sup>2</sup> /Liter @ 100 microns DFT

### 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.

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

### Important Guidelines

- Maintain the recommended curing times between each layer to ensure maximum adhesion and performance.
- Ensure the ambient and substrate temperatures are within the specified application range for optimal results.

### Health & Safety

Exercise caution during use and storage to prevent contact with the skin, eyes, or mouth. Appropriate personal protective equipment, including protective clothing, gloves, and eye/face protection, must be worn at all times.

In case of accidental skin or eye contact, the affected area should be rinsed thoroughly with clean water. If ingested, seek medical assistance immediately and do not induce vomiting.

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