



Vetofill EG455

Waterproof epoxy tile grout (Water-washable, resistant to chemicals)

Uses

- Filling tile joints of virtually all types of tiles (up to 10 mm).
- In chemical processing and pharmaceutical plants.
- In industrial kitchens, food plants, and hospitals.
- In swimming pools and aquariums.
- In hospitals and medical clinics.

Product Description

Vetofill EG455 is a three-component (resin base, hardener, and selected fillers) epoxy-based, tile grout that can be cleaned using water. The product is resistant to chemicals, waterproof, and compatible with most types of tile (including ceramic, porcelain, glass mosaic, marble, granite, etc.).

Advantages

- Easy to apply.
- Fast return to service and reinstatement.
- Excellent mechanical and physical properties.
- High bond strength.
- High chemical resistance.
- Water-washable.

Standards Compliance

- ANSI A118.3
- ANSI A108.6
- BS EN 12004 as RG
- SASO ISO13007 as RG

Technical Data

Vetofill EG455	Typical Values @ 25°C
Appearance	Colored Grout
Application Thickness (mm)	2 - 10
Mixed Density (kg/liter)	1.8
Pot Life (Hours)	2
Compressive Strength - ASTM C579-23 (MPa)	≥ 50
Tensile Strength - ASTM C307-23 (MPa)	≥ 14
Initial Setting Time - ASTM C308 (Hours)	7
Service Setting Time - ASTM C308 (Days)	7
Minimum Application Temperature (°C)	12
Sag in Vertical Joints - ANSI A118.3	Nil
Shrinkage - ASTM C531 (%)	≤ 0.013
Shear Strength - ANSI A118.3 (MPa)	≥ 6.9
Shear Strength after Thermal Shock ANSI A118.3 (MPa)	≥ 3.6
VOC (gm/liter)	≤ 30

Design Considerations

- Do not apply / cure Vetofill EG455 at temperatures below 5°C.

Usage Instructions

Surface Preparation

The substrate should be sound, clean, and free from loose material, grease, laitance, dirt, or any other substance that might impair the product's bond quality with the substrate.

Mixing

To ensure proper mixing, use a mechanically-powered mixer or a heavy-duty, slow-speed drill fitted with a suitable paddle. Stir the base (component A) and the hardener (component B) individually to disperse any settling material.

Pour the entire contents of the base and hardener into a container of a suitable size then mix (mechanically) for 2 minutes. Add the Filler (component C) and mix for 3 more minutes until a uniform and lump-free consistency is achieved.

Application

Fill the grout into the joints using a rubber trowel or a hand-operated gun and cartridge (clean all joints from excess grout within 80 minutes using a wet sponge). Contact Saveto's technical department for more information about the suitable substrates and the types of tile on which this product can be safely applied.

Cleaning

Clean tools with water before the grout hardens. After it does, remove any residue mechanically.

Packaging & Coverage

Product	Pack Size	Theoretical Yield
Vetofill EG455	8 kg kit	4.5 Liters

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

Shelf Life & Storage

The original sealed kit of Vetofill EG455 has a shelf life of 12 months, provided it is stored clear off the ground in a dry and shaded place at a temperature below 35°C.

Health & Safety

Vetofill EG455 should not come into contact with your skin, eyes, or be swallowed. Ensure adequate ventilation and avoid the inhalation of vapors. Some people are sensitive to resins, gardeners, and solvents. Wear suitable protective clothing, gloves, and eye protection. If you're working in confined areas, suitable respiratory protective equipment must be used. The use of barrier creams provides additional skin protection.

In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvents. In case of contact with your eyes, rinse immediately with plenty of clean water and seek medical attention. If swallowed, seek medical attention immediately - Do not induce Vomiting.

Vetofill EG455 is non-flammable.

For more information, refer to the material safety data sheet.

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.

Legal Disclaimer

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