



Vetofill CG551

Polymer-modified, ultra-hygienic, and cementitious tile grout (designed for hospitals and clinics)

Uses

- Antimicrobial tile grout (for areas demanding superior hygienic standards).
- Tiling in health-related buildings (such as kitchens, hospitals, clinics, health centers, and food processing plants).
- Filling the joints of virtually all types of tiles (up to 10 mm).
- Wet areas (such as kitchens, bathrooms, etc.).

Product Description

Vetofill CG551 is an improved cementitious grout with additional characteristics of reduced water adsorption and high abrasion resistance. The single-component and cement-based product is also polymer-modified, anti-microbial, and water-resistant (making it ideal to use with most types of tiles, including ceramic, porcelain, glass mosaic, marble, granite, etc.). Vetofill CG551 is composed of a blend of cement, special additives, and selected fillers and once it's mixed with water, it becomes an easily workable creamy mortar that's suitable for internal and external use (As it contains special biocides that kill biological agents and prevent bacterial and algae growth).

Advantages

- Anti-microbial properties (hinders the growth of microbes, algae, and fungi).
- Easy to apply (a single component).
- Excellent mechanical & physical properties.
- High bond strength.
- High abrasion resistance.
- Low water permeability.
- Suitable for internal and external applications.
- Suitable for horizontal and vertical tile applications.
- Low VOC (environmentally friendly product).
- Extreme stain resistance properties.

Standards Compliance

- ISO 13007-3 as CG2 WA
- BS EN 13888 as CG2 WA

Technical Data

Vetofill CG551	Typical Values @ 25°C
Appearance	Colored Powder
Fresh Wet Density (kg/ltr)	≈ 1.85
Joint Width (mm)	2 - 6 ⁽¹⁾
Pot Life (Hours)	1
SASO ISO 13007-3	CG2 AW
Abrasion Resistance - SASO ISO 13007-4 (mm ³)	500
Flexural Strength (N/mm ²)	≥ 4
Flexural Strength after Freeze-Thaw Cycles - SASO ISO 13007-4 (N/mm ²)	> 2.5
Compressive Strength (N/mm ²)	≥ 20
Compressive Strength after Freeze-Thaw Cycles - SASO ISO 13007-4 (N/mm ²)	> 16
Shrinkage (mm/m)	< 2
Water Absorption after 30 min (gm)	< 1.4
Water Absorption after 240 min (gm)	< 3.8
VOC (gm/liter)	< 25

⁽¹⁾ Joint width filling can be increased up to 10 mm when adding Vetobond PB434 by partial replacement of 1 liter of the mixing water.

Usage Instructions

Surface Preparation

Remove all tile adhesive excess that is at a level higher than half of the tile thickness. All the joints should be free from dust, loose particles and traces of foreign materials, etc. Neutralize the tiles' water absorption by applying clean potable water. Do not leave water pooling in the joints.

Mixing

Add 6.4 - 7.4 Liters of fresh, clean water to a suitably sized mixing container. Slowly add the powder component while mixing with a mixer fitted with a Saveto-approved paddle until a uniform, lump-free consistency is achieved.

Important Note: Do not mix partial quantities unless the exact proportion (based on volume) can be measured. You should also use the proper tools to achieve the exact ratios.

You can enhance the material's performance if required. To do this, add 0.5 a liter of Vetobond PB434 to the mixing water, then add the powder.

Do not add water to the mixture once the mortar grout begins to harden.

Application

Spread the mixed grout diagonally across the tile joints and firmly press it with a rubbing pad covered with a sponge rubber spatula to ensure all the gaps are filled. Remove any excess grout using the same tool.

After the grout initially dries (from 20 - 30 minutes, depending on the ambient temperature and humidity), clean the tiles and remove all excess material with a wet sponge.

After fully drying, clean the surface of the tiles with a dry cloth or disposable cotton towels.

Note: When washing and drying the tiles, Do not rub the tile joints too deep

Keep the grout moist often for the first 2 days to achieve the material's full hardness properties.

For more information regarding the suitable substrates and tiles on which this product can be safely applied, contact Saveto's technical department.

Cleaning

Clean tools and equipment with water immediately after use. Remove hardened material mechanically.

Legal Disclaimer

Saveto endeavors to ensure that any advice, recommendations, information it may give is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products because it has no direct or continuous control over where or how its products are applied, whether or not following any advice, specification, recommendation, or information given by us. Saveto has the right to change any of the technical datasheets specifications upon its discretion without prior notification.

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	Yield
Vetofill CG551	20 kg Bag	≈ 14.5 liter wet/20 kg bag

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 bag of Vetofill CG551 has a shelf life of 12 months, provided it's stored clear off the ground, in a dry and shaded place, and at a temperature below 35°C.

Health & Safety

Vetofill CG551 is highly alkaline; therefore, avoid direct contact with your eyes or skin. It is recommended to use protective gloves and goggles during the application process. Any skin contact should be washed with soap and water. In case of eye irritation, immediately wash with a copious amount of cold water and seek medical attention.

Vetofill CG551 is non-flammable.

Refer to the material safety data sheet for more information.

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.