TECHNICAL DATA SHEET

FUGAMAX® Colorful

Cement Based Joint Filler with Silicone Additive

About the Product

FUGAMAX® Colorful is a silicone-enhanced, high-performance, cementitious, colored joint filler.
Complies with EN 13888 standard as CG2W class.
CG: Cementitious grout
2: Improved grout
W: Reduced water absorption

Areas of Application

- Interior and exterior applications, horizontal and vertical surfaces
- For filling 1–6 mm joints of ceramic, granite, marble and mosaic
- Areas such as kitchens, bathrooms and corridors

Advantages

- Antibacterial, prevents mold and fungus formation
- Low water absorption due to silicone additives
- Provides excellent adhesion to tile edges without cracking
- Easy to prepare and apply
- Maintains its color for a long time
- Does not scratch sensitive surfaces
- Available in a wide range of colors

Technical Specifications

General Information	
Material composition	Mineral fillers, cement, silicone and special chemical additives
Appearance	White or colored fine powder
Density	~1.65 kg/lt
Performance Data (EN 12808)	
Compressive strength	≥ 15 N/mm^2
Flexural strength	≥ 2.5 N/mm^2
Abrasion resistance	≤ 2000 mm^3
Shrinkage value	≤ 3 mm/m
Water absorption	30 minutes ≤ 2 g, 240 minutes ≤ 5 g
Application Data	
Application temperature	+5°C / +35°C
Service temperature	−20°C / +80°C
Mixing ratio	~0.30–0.33 lt water / 1 kg powder

Pot life	~1 hour
Ready for service	24 hours
Joint width	1–6 mm
Consumption	Depends on tile size and joint width
Safety Information	
Reaction to fire class (EN 13501-1)	A1
Hazardous substances	Refer to SDS

The stated technical values are obtained at +23°C ambient temperature and 50% relative humidity conditions. High temperatures shorten the time, low temperatures extend it.

Application Instructions

Surface Preparation

Oil, dust and residues between joints must be cleaned without damaging the surface. Joint depth should be approximately 2/3 of the tile thickness. In highly absorbent tiles and in hot and windy conditions, joints should be moistened with clean water. Application should not be carried out under direct sunlight, strong wind or rainy conditions.

Mixing

The amount of water specified in the technical table is added into a clean container. FUGAMAX® Colorful is gradually added and mixed with a mixer at 400–600 rpm until a homogeneous mixture is obtained. After resting for 5–10 minutes, it is mixed again for 1 minute and made ready for use. The prepared mixture should be used within 1 hour. Water must not be added to the mixture that has started to set. No additives should be added; using less or more water than specified may cause cracking, dusting and color differences.

Application

Before filling the joints, the tile adhesive must be fully hardened. The prepared material is applied into the joints with a rubber float using diagonal movements. After approximately 10–20 minutes, when the surface becomes matt, it is cleaned with a damp sponge in circular motions. Early cleaning or using an excessively wet sponge may cause color differences. After sufficient hardening, remaining residues on the surface should be cleaned with a dry cloth. In hot and windy conditions, it is recommended to spray water on the surface a few hours after application.

Cleaning of Tools

All equipment used during application must be cleaned with water before it dries. Once hardened, the material can only be removed mechanically.

Storage Conditions and Shelf Life

Store in the original, unopened packaging in a cool, dry place. Under proper storage conditions, the product has a shelf life of 2 years from the date of manufacture.

Safety Precautions

During application, suitable work clothing, protective gloves, goggles, and a mask should be worn in accordance with occupational health and safety requirements. Due to the irritant effects of the uncured material, the components must not come into contact with skin or eyes; in case of contact, rinse immediately with plenty of water and soap, and seek medical attention immediately in case of ingestion. Food products must not be kept in the areas where the material is applied. Store out of reach of children. Refer to the Safety Data Sheet for further information.

Liability

Our company is responsible only for the quality of the product. Any use of the product beyond the scope of written technical recommendations, including incorrect application or use under unsuitable conditions, is the sole responsibility of the user. For more detailed technical information, please refer to the product catalogue or contact our authorized representatives.

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