Code: P333 2023/06 EN

Fugabella SPC

Two-component, pourable organic grout with a high level of resistance to abrasion for fractionizing joints.

Fugabella SPC develops a fluid rheology specifically for continuous pouring, guaranteeing the watertightness of seals under thermal and mechanical stress in industrial and commercial flooring subject to heavy traffic.

GREENBUILDING RATING
REF. GBR DATA REPORT 06.23
APPROVED

Rating 1

- × Regional Mineral ≥ 30%
- × VOC Low Emission
- × Solvent ≤ 5 g/kg
- × Low Ecological Impact
- ✓ Health Care

1. Floors, for internal and external use
2. Suitable for porcelain and ceramic tiles
3. High level of adhesion to absorbent and non-absorbent substrates

kerakoll

Areas of application

→ Use
Elastic, waterproof pourable floor sealing of expansion joints, gaps and cracks in:
- absorbent and non-absorbent ceramic tiled floors,
- mineral screeds Rekord Eco Pronto, Keracem Eco Pronto and Keracem Eco Prontoplus
- screeds with mineral binders Rekord Eco and Keracem Eco
- cement-based and concrete screeds
- industrial floors, rubber floors, PVC and hardwood floors

For internal and external use on industrial and commercial floors, also in areas subject to freezing.

Do not use on marble and natural stone, poorly compacted, dusting surfaces, on rubber, plastic and bituminous elements or materials transuding oil, solvents and plasticizers, on damp substrates or those subject to moisture rising and swimming pools. In rooms where specific resistances to acetic and lactic acids are required.

Instructions for use

→ Preparation of substrates
The sides of the joints to be sealed must be perfectly dry, clean and free from any traces of grease, dust or rust. Remove all flaky or loose parts and carefully remove rust from metals. When preparing visible joints, and in order to achieve a clean sealing line, the user should cover the edges with protective masking using normal adhesive tape. Moisture levels, as measured with a calcium carbide hygrometer, must not exceed a maximum of 2% - 2.5% in mineral or cement-based substrates; in anhydrite-based substrates, the moisture content must not exceed 0.5%.

→ Preparation
Prepare Fugabella SPC with a mechanical low-rev agitator, mixing component A with component B (preset ratio 9 : 1 in the packaging) until an even paste of uniform colour is obtained. High temperatures significantly reduce the workability time, whereas the opposite holds for low temperatures. Do not use the product at substrate temperatures of less than +10 °C. To ensure the correct reticulation of Fugabella SPC, it is important to respect the exact mixing ratio.

→ Application
Fugabella SPC should only be used on horizontal surfaces (maximum inclination of 1%). Apply the product to the joint to be sealed, pouring it from a lipped container. The joint must be clean and dry; it must not be oily nor subject to moisture rising. For long-lasting sealing, capable of withstanding expansion and contraction stress, the following conditions are necessary:
1) the joint is applied so that movement will not exceed 10% of joint width
2) the ratio between width and sealant depth is between 1 and 2
3) the sealant adheres only to the sides of the joint and not to the substrate. Use Joint preformed polyethylene foam sub-joint layer to adapt depth and prevent adhesion to the substrate.
To make the task easier, we recommend covering the edges of the joint to be sealed with masking tape that can be removed when Fugabella SPC has been levelled but is still fresh.

→ Cleaning
Residual traces of sealant can be removed with alcohol, acetone or toluene. Once hardened, the product can only be removed mechanically.

Special notes

→ protect the edges of the joint with masking tape which should be removed and the joint cleaned before the product hardens. A base coat is normally not necessary. Specific substrates (porous or made of plastic materials) may require the use of an adhesion promoter to ensure maximum adhesion. This product is recommended for all situations at risk from dust.

Certificates and marks

* Émission dans l'air intérieur Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

Abstract

Fractionizing floor joints subject to wear from industrial and commercial traffic can be sealed with high levels of resistance to abrasion using a two-component, pourable organic sealant, with GreenBuilding Rating 2, such as Fugabella SPC manufactured by Kerakoll Spa. The joint must be clean, dry, free from moisture rising and prepared with a suitable polyethylene foam sub-joint layer such as Joint. Coverage will be ≈ 0.16 kg/m for joints measuring 1 cm in width and depth.

Technical Data compliant with Kerakoll Quality Standard		
Appearance	part A: grey semi-fluid / part B: straw-colour liquid	
Specific weight	part A ≈ 1.77 kg/dm³ / part B ≈ 1.04 kg/dm³	
Mineralogical nature of inert material	barite	
Grading	≈ 0 – 40 µm	
Flammability	No	
Shelf life	≈ 12 months from production in the original sealed packaging	
Warning	Protect from frost	
	Avoid direct exposure to sunlight and sources of heat	
Pack	part A: 4.5 kg bucket / part B: 0.5 kg bottle	
Mixing ratio	Part A : Part B = 9 : 1	
Max.allowed movement	≤ 10%	
Joint minimum width	≥ 4 mm	
Joint max. width	≤ 30 mm	
Viscosity	≈ 6.670 mPa · s, rotor 5 RPM 30	Brookfield method
Specific weight of the mixture	≈ 1.75 kg/dm³	
Pot life	≥ 1 hr (1 kg mixture)	
Temperature range for application	from +10 °C to +30 °C	
Touch-dry	≈ 8 hrs	
Foot traffic	≈ 24 hrs	
Interval before normal use	≈ 3 days	
Coverage for 10x10 mm joints	≈ 1.6 kg = 10 m	

Values taken at +23 °C, 50% R.H. and no ventilation.

Performance		
HIGH-TECH		
Shore A Hardness	50	
Resistance to abrasion after 28 days	≤ 0.5 g, CS10 abrasive disk, 1,000 g weight, 1,000 cycles	ASTM D 4060
Chemical resistance	Good	EN 12808
Resistance to UV rays	Excellent	
Elongation at break	≈ 50%	ISO 8339
Working range	from -40 °C to +110 °C	

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

Warning

→ Product for professional use abide by any standards and national regulations
→ use at temperatures between +10 °C and +30 °C
→ respect the exact mixing ratio 4.5 : 0.5
→ do not apply to damp substrates or those subject to capillary moisture rising
→ handle carefully, wearing rubber gloves
→ ventilate the surrounding environment
→ on contact with the skin, the product may provoke irritation or skin allergies
→ if necessary, ask for the safety data sheet
→ for any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - globalservice@kerakoll.com

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