Code: P569 2026/09 IN

Fugabella Porcelana 0-5

Mineral grout for extremely colour-fast joints from 0 to 5 mm in thickness.

Fugabella Porcelana 0-5 develops an extra-fine, micro grain finish with scratch-proof surface hardness which enhances the reflected light effect ensuring it blends seamlessly with the design of ceramic tiles, glass mosaic and natural stone.

1. Colour range: 20 colours
2. Floors and walls, for internal and external use
3. Water-resistant and low absorption
4. Color uniformity and resistance to shade variation
5. Ideal for grouting rectified tiles
6. Suitable for vitrified tiles, ceramics, low thickness slabs and natural stone
7. Easy to clean and maintain

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Areas of application

→ Use
High-performance grouting, from 0 to 5 mm, with extra-fine finish, high degree of hardness and reduced water absorption.

→ Materials to be grouted:
- vitrified tiles, low thickness slabs, ceramic tiles, klinker, cotto, glass and ceramic mosaic, of all types and formats
- natural stone, recomposed materials, marble

Internal and external flooring and walls, in domestic, commercial and industrial applications and street furniture, in environments subject to heavy traffic.

Do not use on joints more than 5 mm in width, on floors and walls where specific chemical resistances or absolutely no water absorption are required; to grout elastic expansion or fractionising joints; on substrates which are highly deformable, not perfectly dry or subject to moisture rising.

Instructions for use

→ Preparation of substrates
Before grouting joints, check that tiles have been fixed correctly and are anchored perfectly to the surface. Surfaces must be perfectly dry. Grout joints in accordance with the recommended waiting time indicated on the relative data sheet for the adhesive used. For mortar substrates, wait at least 7 – 14 days depending on screed thickness, ambient weather conditions and on the level of absorption of the covering and the surface.
Any water or moisture rising can cause salt to build up on the surface of the grout or cause shade variations on account of the uneven evaporation of remaining water through the grout.
Joints must be free from any excess adhesive, even if already hardened, and must be of an even depth of at least 2/3 of the overall thickness of the tile covering. This is necessary to prevent different drying times of each different thickness, with subsequent shade variations.
Any dust and loose debris must be removed from the joints by carefully cleaning them with a vacuum cleaner. In the case of highly absorbent tiles or high temperatures, a damp sponge should be passed across the surface of the tilework prior to grouting joints, in order to prevent any water from being left in the joints.
Before grouting joints with contrasting colours, check the cleanability, as highly porous surfaces may make cleaning difficult. It is advisable to perform a preliminary test on tiles not to be laid or in a small, concealed area. In these cases we recommend treating the covering with specific protective products, being careful to avoid applying them to the joints.

→ Preparation
Prepare Fugabella Porcelana 0-5 in a clean container, first of all pouring in a quantity of water equal to approximately ¾ of the amount required. Gradually add Fugabella Porcelana 0-5 to the container, mixing the paste from the bottom upwards with a low-rev (≈ 400/min) helicoidal agitator. Add water until a fluid, smooth, lump-free mixture is obtained. The mixture must be of smooth consistency and without any lumps. For best results, and to mix larger quantities of the grout, a stirring device with vertical blades and slow rotation is recommended. Specific polymers with high-dispersion properties ensure that Fugabella Porcelana 0-5 is immediately ready for use. The amount of water to be added, indicated on the packaging, is an approximate guide and will vary depending on the different colours. It is possible to obtain mixtures with consistency of variable thixotropy according to the application to be made. Adding extra water does not improve the workability and the cleanability of the grout, and may cause shrinkage in the plastic phase of drying and result in less effective final performance. Prepare all mixtures required to complete the process using the same amount of water, in order to avoid any variations in grout shade.

Instructions for use

→ Application
Fugabella Porcelana 0-5 must be applied evenly on the tile covering with a trowel or hard rubber float. Grout material has to be completely filled between entire joint areas, the application has to be done diagonally with respect to the joints. Remove most of the excess grout immediately, leaving only a thin film on the tile.

→ Cleaning
Begin cleaning the tilework when the grout is touch dry into the joint. On completion, clean up the surface using a thick, large-sized sponge damped in clean water to avoid removing grout from the joints. Make sure clean water is used at all times, using appropriate trays with grills and cleaning rollers for the sponge. Use circular movements to soften the film of hardened grout on the tiles and finish cleaning the joint surface. An electric sponge grout remover is recommended for large surface areas. Finish cleaning up by dragging the sponge diagonally across the tiles while applying water evenly over the tiles, in order to prevent any shade variations. When fixing tiles with very narrow joints, grout can be cleaned from the latter using a stick with a rounded tip, being careful to clean the surface of the covering with a clean cloth or sponge before the product hardens. Residual traces of grout can be removed from tools with water before the product has hardened.

Special notes

→ The partial or full replacement of mixing water with Fugaflex flexibilizing latex for cement-based grouts, gives increased flexibility to Fugabella Porcelana 0-5, reduces the elastic modulus, increases resistance to water and substrate adhesion. Its use is recommended in the following specific applications: fixing on wooden floors, fixing on substrates or using materials with high thermal expansion or where surfaces are to be subsequently smoothed.

→ Before grouting highly porous surface coverings, or at high temperatures, it is advisable to wipe a damp sponge over the surface to counteract the porosity or to cool the surface, being careful not to cause water to stagnate in the joints.

Certificates and marks

ISO 13007-3
CG2 WA

Technical Data compliant with Kerakoll Quality Standard		
Appearance	coloured pre-mixed	
Mineralogical nature of inert material	silicate - crystalline	
Average granulometric composition	≈ 40 µm	
Shelf life	≈ 12 months from production in the original sealed packaging, protect from humidity	
Pack	1 – 5 kg bags	
Mixing water	≈ 0.34 ± 2 litres of clean water per 1 kg bag	
Specific weight of the mixture	≈ 1.75 – 1.85 kg/dm³	UNI 7121
Pot life	≥ 80 min.	
Temperature range for application	from +5 °C to +35 °C	
Width of joints	from 0 to 5 mm	
Foot traffic	≈ 12 – 24 hrs	
Grouting after fixing:		
- with adhesive	see characteristics of adhesive	
- mortar	≈ 7 – 14 days	
Interval before normal use	≈ 3 days	
Coverage	see Coverage table	

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e.temperature, ventilation and absorbency level of the substrate and of the materials laid.

Coverage table

	Format	Thickness	grammes/m² joint width		
			1 mm	2 mm	3 mm
Mosaic tiles	2x2 cm	3 mm	≈ 535	≈ 1605	≈ 2675
	5x5 cm	4 mm	≈ 295	≈ 885	≈ 1475
Tiles Marble	30x60 cm	4 mm	≈ 40	≈ 120	≈ 200
	60x60 cm	4 mm	≈ 25	≈ 75	≈ 125
	20x20 cm	8 mm	≈ 150	≈ 450	≈ 750
	30x30 cm	9 mm	≈ 115	≈ 345	≈ 575
	40x40 cm	10 mm	≈ 95	≈ 285	≈ 475
	30x60 cm	10 mm	≈ 95	≈ 285	≈ 475
	60x60 cm	10 mm	≈ 65	≈ 195	≈ 325
	20x20 cm	14 mm	≈ 260	≈ 780	≈ 1300
	30x30 cm	14 mm	≈ 225	≈ 675	≈ 1125

The data provided must be considered merely as an indication of the grout coverage, averaged out based on our experience and taking into account normal site wastage. The following may vary according to specific conditions at the building site: roughness of tile, excess of residual product, lack of surface flatness, temperatures, seasonal conditions.

Performance		
HIGH-TECH		
Flexural strength after 28 days	≥ 2.5 N/mm²	EN 13888-2
Shrinkage	≤ 3 mm/m	EN 13888-2
Compressive strength after 28 days	≥ 15 N/mm²	EN 13888-2
Resistance to abrasion after 28 days	≤ 1000 mm³	EN 13888-2
Water absorption after 30 min.	≤ 2 g	EN 13888-2
Water absorption after 240 min.	≤5 g	EN 13888-2
Colour Fastness	see colour chart	UNI EN ISO 105-A05
Working temperature	from +5 °C to +50 °C	
Conformity	CG2 WA	EN 13888-2

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

Fugabella Porcelana 0-5 colour chart		Colour Fastness* GSc (Daylight) Standard EN ISO 105-A05
KK 1		4
KK 2		4
KK 4		4
KK 6		4
KK 8		4
KK 12		4.5
KK 50		4.5
KK 64		4
KK 66		4
KK 68		4
KK 69		4
KK 71		4.5
KK 94		4.5
KK 107		4
KK 110		4
KK 158		4.5
KK 153		4.5
KK 155		4.5
KK 126		4
KK 156		4.5

Legend
from 5 to 4 high colour fastness; for internal and external use
from 3.5 to 3 good colour fastness; for internal and external use
from 2.5 to 1 limited colour fastness; for internal use

Shades shown are purely indicative.

Warning

→ Abide by any standards and national regulations
→ in swimming pools, check the suitability of the product based on the type of water and the type of chemical or physical treatment used
→ workability times may vary considerably, depending on environmental conditions and on tile and surface absorbency
→ grouting on surfaces that are still damp causes grout shade variations
→ use a moistened sponge to clean surfaces in which joints have already been grouted to rehydrate the applied grout
→ use a trowel and apply with a series of passes to ensure proper penetration of the grout in the reduced-thickness joints
→ protect the grout from direct rainfall and sun for at least 12 hours after application
→ if necessary, ask for the safety data sheet
→ for any other issues, contact the Kerakoll India Helpline (Toll Free) 1800 102 4957 – info@kerakollindia.com

M/S. Kerakoll India Pvt. Ltd.
Office No. 202, A-Wing, Business Square
Solitaire Park, Opp Apple Heritage,
Andheri Kurla Road, Chakala Andheri (E),
Mumbai-400 093, Maharashtra, India

Kerakoll India Helpline (Toll Free)
1800 102 4957
info@kerakollindia.com

www.kerakoll.com