

Professional, single-component, superior-technology grout with highly smooth finish, high degree of hardness and limited water absorption, suitable for high-resistance grouting on flooring and walls, from 0 to 2 mm, of all types of ceramic tiles, homogeneous tiles, glass mosaic and natural stone.



FUGABELLA® 0-2

SPECIFIC FOR VERY NARROW JOINTS – The technological innovation of FUGABELLA® 0-2 develops a specific, high-performance rheology for laying with very narrow, reduced thickness joint gaps. Thixotropizing polymers and binder hydration regulating agents, with high-dispersion properties, ensure excellent workability and superior adhesion also on glazed and non-absorbent substrates.

HIGHLY SMOOTH FINISH – The FUGABELLA® 0-2 technology ensures high-resistance grouting with highly smooth finish, with results similar in effect to those of decorative and artistic ceramic tiles. The use of micronised mineral fillers with a high degree of purity and constant, extra-fine granulometry conferred through ventilation cycles ensures the integrity also of the most delicate glaze.

SUPERIOR HARDNESS – The FUGABELLA® 0-2 technology develops high levels of surface hardness and compressive strength, ensured by a mix of selected, high-resistance hydraulic binders and agents which increase interstitial crystallisation. FUGABELLA® 0-2 is considered an essential solution for professional grouting of porous and non-absorbent ceramic covering materials in sections of minimum width.

Developed by the Research and Development Division and guaranteed by the Training Center. Compliant with the CARE Project for the Protection of Health and the Environment: Laying Division (Method M1 – Action P307).

FUGABELLA® 0-2

AREAS OF USE

High-resistance grouting, from 0 to 2 mm, with highly smooth finish and reduced water absorption.

Materials:

- homogeneous tiles, ceramic tiles, klinker, cotto, glass and ceramic mosaic, of all types and formats
- natural stone, recomposed materials, marble

Use

Flooring and walls, indoor/outdoor use, in civil, commercial and industrial applications, for street furniture, in environments subject to heavy traffic, swimming pools, tanks and fountains and also in areas subject to thermal shock and freezing.

Do not use

On joints more than 2 mm in width, on floors and walls where specific chemical resistances or absolutely no water absorbency are required; to grout elastic expansion or fractionizing joints; on substrates which are highly deformable, not fully dry or subject to moisture rising.

PREPARATION OF SUBSTRATES

Before grouting joints, check that tiles have been laid correctly and are anchored perfectly to the substrate. Substrates 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 substrate.

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 $\frac{2}{3}$ 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 flaky parts must be removed from joints by carefully cleaning them with electric dust extraction equipment. 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 stagnation.

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 this cases we recommend treating the covering with specific protective products, being careful to avoid applying them to the joints.

ABSTRACT

High-resistance joint-grouting of ceramic tiles, homogeneous tiles, marble and natural stone must be performed with a professional, superior-technology grout with highly smooth finish, high level of hardness and reduced water absorbency, compliant with EN 13888 – Class CG2, such as FUGABELLA® 0-2 manufactured by Kerakoll. Joints must be dry and free from traces of adhesive and flaky parts. Use a spreader or hard rubber float to apply the grout and suitable sponges and clean water to clean joints on completion. Joints of ____ mm width and tiles ____ x ____ cm in size will lead to an average coverage of \approx ____ kg/m². Existing elastic expansion and fractionizing joints must be respected.

INSTRUCTIONS FOR USE

Preparation

Prepare FUGABELLA® 0-2 in a clean container, first of all pouring in a quantity of water equal to approximately $\frac{3}{4}$ of that which will be required. Gradually add FUGABELLA® 0-2 to the water in the container, mixing the paste from the bottom upwards with a low-rev ($\approx 400/\text{min.}$) helicoidal agitator. Add more water until the desired consistency is obtained. The mixture must be homogeneous 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® 0-2 is immediately ready for use. The amount of water to be added, indicated on the packaging, is an approximate value and will vary depending on the different colours. It is possible to obtain mixtures with a more or less thixotropic consistency, depending on the type of application. 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.

Application

FUGABELLA® 0-2 must be applied evenly on the tile covering with a spreader or hard rubber float. Seal the entire surface area by completely grouting all joints, applying the grout diagonally to the tiles. Remove most of the excess grout immediately, leaving only a thin film on the tiles. Begin cleaning the tilework when the grout starts to firm. On completion, clean up the surface using a thick, large-sized sponge damped in clean water to avoid removing grout from the joints. Ensure clean water is used at all times by using appropriate trays and grills with sponge cleaning rollers. 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.

Cleaning

Residual traces of grout can be removed from tools with water before the product has hardened.

COVERAGE

	Format	Thickness	g/m ² Joint width 1 mm	g/m ² Joint width 2 mm
Mosaic	2 x 2 cm	3 mm	≈ 520	≈ 1040
	5 x 5 cm	4 mm	≈ 290	≈ 580
Tiles	10 x 10 cm	7 mm	≈ 255	≈ 510
Marble	15 x 15 cm	7 mm	≈ 170	≈ 340
	20 x 20 cm	8 mm	≈ 145	≈ 290
	30 x 30 cm	9 mm	≈ 110	≈ 220
	40 x 40 cm	10 mm	≈ 95	≈ 190
	50 x 50 cm	10 mm	≈ 75	≈ 150
	20 x 20 cm	14 mm	≈ 255	≈ 510
	30 x 30 cm	14 mm	≈ 170	≈ 340
Cotto	30 x 30 cm	15 mm	≈ 185	≈ 370
Klinker	12.5 x 24.5 cm	12 mm	≈ 265	≈ 530

SPECIAL NOTES

Full or partial replacement of mixing water with FUGAFLEX, the professional elastomer latex for cement-based grouts, enhances the flexibility of FUGABELLA® 0-2, reducing the elastic modulus, increasing resistance to water and substrate adhesion. Its use is recommended in the following specific applications: laying on wooden flooring, surface laying of large formats ($\geq 900 \text{ cm}^2$), laying on substrates or using materials with high thermal expansion or where surfaces are to be subsequently smoothed. Before grouting joints on cotto or other highly porous surface coverings, or in the case of high temperature, it is advisable to wipe a damp sponge to counteract the porosity or to cool the surface, being careful however not to cause water to stagnate within joints.

TECHNICAL CHARACTERISTICS

Appearance	Coloured ready-mixed	
Apparent volumetric mass	≈ 1.05 kg/dm ³	UEAtc
Mineralogical nature of inert material	Silicate-crystalline carbonate	
Granulometric interval	≈ 0 – 250 µm	
CARE	Method M1 – Action P307	
Storage	≈ 12 months in the original packaging in dry environment	
Packaging	Bags 20 / 5 kg	

TECHNICAL DATA compliant with Kerakoll Quality Standard

Mixing water	≈ 6.8 l / 1 bag 20 kg – ≈ 1.7 l / 1 bag 5 kg	
Specific weight of the mixture	≈ 2 kg/dm ³	UNI 7121
Pot life	≥ 90 min.	
Temperature range for application	from +5 °C to +35 °C	
Width of joints	from 0 to 2 mm	
Foot traffic	≈ 12 – 24 h	
Grouting after laying:		
- walls	≈ 3 – 6 h	
- floors: normal-setting adhesives	≈ 24 – 48 h	
rapid-setting adhesives	≈ 3 – 6 h	
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.

FINAL CHARACTERISTICS

Flexural strength after 28 days	≥ 3.5 N/mm ²	EN 12808-3
Compressive strength after 28 days	≥ 25 N/mm ²	EN 12808-3
Flexural strength after frost-thaw cycles	≥ 3.5 N/mm ²	EN 12808-3
Compressive strength after frost-thaw cycles	≥ 30 N/mm ²	EN 12808-3
Resistance to abrasion after 28 days	≤ 1000 mm ³	EN 12808-2
Water absorption after 30 min.	≤ 2 g	EN 12808-5
Water absorption after 240 min.	≤ 5 g	EN 12808-5
Resistance to UV rays	Excellent	
Working temperature	from -40 °C to +90 °C	
Conformity	CG2	EN 13888

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**
- workability times may vary considerably, depending on environmental conditions and on tile and substrate absorbency
- grouting joints on substrates that are still damp will cause variations in the grout
- use a moistened sponge to clean surfaces in which joints have already been grouted to rehydrate the applied grout
- use a spreader and apply with a series of passes to ensure proper penetration of the grout in the reduced-thickness joints
- protect the product from direct rain and sunlight for at least 12 hours after application
- if necessary, ask for the safety data sheet
- for further information please consult the **Kerakoll Worldwide Global Service +39-0536.811.516**

BLUMARINE HOUSE

London - GREAT BRITAIN



KERALEVEL® LR

Professional, superior-technology, thixotropic and extra-rapid levelling product for the correction of flooring, walls and irregular or non-planar substrates

H40® TENAX

Professional, single-component adhesive with SAS Technology, high hydraulicity and no vertical slip for high-resistance laying of ceramic tiles and glass mosaic

FUGABELLA® 0-2

Professional, superior-technology, single-component grout with smooth finish for high-resistance grouting of ceramic tiles and glass mosaic



THE KERAKOLL GLOBAL SERVICE

Wherever you are, and whatever your project needs are, you can always rely on the Kerakoll Service: highly-efficient, global customer support matching the high quality of our products.

Technical Service +39-0536.811.516 - Technical assistance in real time

Training Service - Professional training to support our quality

Guarantee Service - A long-lasting warranty

Kerakoll.com - The channel of choice for your projects



KERAKOLL QUALITY STANDARD

In all units of the Kerakoll Group, before being considered suitable for production, products undergo stringent testing in accordance with the very high requirements set by the Kerakoll Quality Standard: a process supported by the Centre for Applied Technology which assists the work of researchers with its sophisticated resources and laboratories. At the Kerakoll laboratories the various elements of formulations are carefully analysed to identify and eliminate any factors of weakness by means of simulation of real working conditions in building sites. After the testing cycles, the new products are submitted to the extreme fatigue of the Safety-Test process.



EUROPEAN CONFORMITY REGULATIONS

The Kerakoll testing and quality-control methodology complies with the tests indicated by the new European Regulations, which represent a long-overdue step forward in the standardisation of the current European regulatory system. This new standard of conformity for the field of adhesives and grouts for ceramic tiles and natural stone once again confirms the technological superiority of Kerakoll products.



SAFETY, HEALTH AND THE ENVIRONMENT

For an industrial system such as Kerakoll it is vitally important to ensure that human health and the environment are protected. The Kerakoll company policy is to ensure that every possible safeguard be taken to make sure that these factors are always considered, and regulations and specific methods have been developed over the years for this purpose at all levels of the organisation. The CARE Project is the result of the Group's concern for human health and the environment, and ensures that the Group's products are perfectly safe for use and that the building materials supplied to builders ensure a very high level of safety before, during and after their use.

The information given here is based on our technical and practical knowledge. As it is not possible for us to directly check the conditions in your building yards and the execution of the work, this information represents general indications that do not bind our Company in any way. Therefore, it is advisable to perform a preliminary test to verify the suitability of the product for your purposes.

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