FUGALITE® BIO

Water-based
hypo-allergenic
resin
for waterproof,
stain-proof,
silk-effect
grouting.

KERAKOLL
The GreenBuilding Company

FUGALITE® BIO

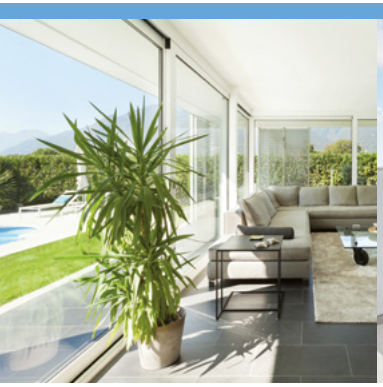
RESISTENT TO UV RAYS

UV RESISTANT

CATAS tested for colour durability in external applications.
Test report no. 124753.

Tests have shown that Fugalite® Bio is less sensitive to photo-ageing due to direct sunlight than any other organic grout.
All 12 colours have been subjected to UV light and sunlight resistance cycles, passing these tests with colour stability values that **guarantee their durability**.
Even white, although used infrequently outside, has been subjected to the same ageing cycles.
In order to subject Fugalite® Bio to colour durability tests **KERAKOLL has chosen to use CATAS**, the Italian and European centre of excellence for research and analysis in the wood furnishing, industrial and environmental sectors, which uses its state-of-the-art laboratories and equipment to carry out **certification and colour tests** in compliance with European and international standards.

Fugalite® Bio is available in **12 colour solutions** inspired by the **collections mainly used** for making contemporary ceramic coverings.
Designed to interpret different styles with warm shades, with a natural matt finish and **silk effect texture** that allows the joints to blend in and enhances the **aesthetic continuity** of the coating.



Fugalite® Bio combines perfectly with all the different solutions and materials in use today, such as porcelain tiles, natural stone and glass mosaic.

- 01 WHITE
- 02 LIGHT GREY
- 03 PEARL GREY
- 04 IRON GREY
- 05 ANTHRACITE
- 06 BLACK
- 07 JASMIN
- 08 BAHAMA BEIGE
- 12 WALNUT
- 51 SILVER
- 46 IVORY
- 15 OCEAN

FUGALITE® BIO

HYPOALLERGENIC

TESTED HYPOALLERGENIC

Dermatologically Tested by Modena and Reggio Emilia University Hospital.

Clinical tests have demonstrated that the positive allergic responses on a sample of 200 adult patients from the general population, affected by skin dermatitis but not exposed to contact with epoxy resin, were equal to ZERO.

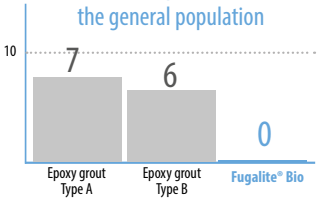
The patch tests carried out on products formulated with old-fashioned resin-based systems that do the same job demonstrated a 3% to 3.5% of positive results. The difference in the sensitizing capacity of Fugalite® Bio and of the leading products tested is considered statistically significant in the medical and scientific field.

A second experiment was conducted on a sample of 25 patients suffering with occupational exposure of dermatitis through contact with resins and amines. Even in this case, the clinical tests conducted demonstrated the significant superiority of Fugalite® Bio with 12% of positive results against a percentage of 20 to 36 of the comparative products.

The advantage that comes from choosing Fugalite® Bio is the use of a product that does not induce sensitisation in healthy people or show a diagnosis of contact dermatitis.

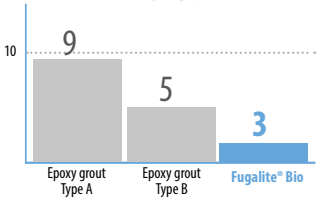
Zero sensitive subjects

Test on **200** patients from the general population



up to **3 times** + safe

Test on **25** laying professionals



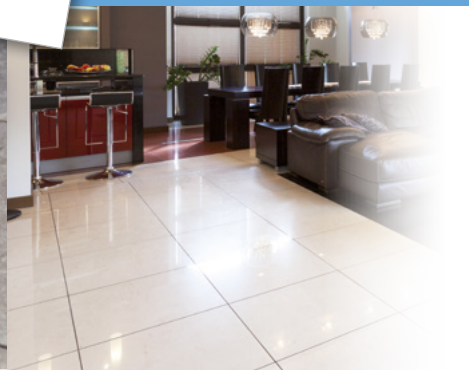
Patch test results for the substances under test in the group of patients with positive results of contact dermatitis from at least one of the components.

TESTIFICAZIONE DI UN RIEMPITIVO DI FUGA (FUGALITE® BIO): CONFRONTO CON DUE PRODOTTI DI RIFERIMENTO

CERTIFICATION OF A JOINT FILLER (FUGALITE® BIO) COMPARED WITH TWO LEADING PRODUCTS

Approved by the Ethics Committee of Modena on the 13/9/2011 (study code 81/11) and authorised by the General Management of Modena University Hospital.

SERVIZIO SANITARIO REGIONALE
EMILIA-ROMAGNA
Azienda Ospedaliero - Universitaria di Modena
Policlinico



Water-based resin for **waterproof**, **stain-proof**, grouting of porcelain tiles, natural stones and glass mosaic.

STAIN PROOF

Tested by the Bologna ceramic center. Can be cleaned easily.

Tests have shown that Fugalite® Bio is **non-absorbent, stain-proof and resistant to attack from the aggressive chemicals** contained in products used to maintain coverings and from common staining substances used in homes such as coffee, oil, red wine, tomatoes, and mascara.

Test report according to UNI EN ISO 10545-14 standard "ceramic tiles-determination of stain resistance" released by Italian Ceramic Centre – Bologna (Centro Ceramico Bologna).

Centro Ceramico Bologna

WATER-RESISTANT

With drop effect. Water-resistant, non-absorbent and does not change colour.

Fugalite® Bio is waterproof and is ideal for any home environment, even s**uitable for damp environments, subject to heavy traffic and wear**. Fugalite® Bio is suitable for every application, both internal and external, and unlike any other organic grout, it has been tested not sensitive to photo-ageing due to the direct sunlight.

Colour durability test report carried out according to ASTM G 155 standard, released by CATAS, the Italian institute for certification, research and testing in the wood furnishings sector.

CATAS

BACTERIOSTATIC

CSTB-tested. Prevents the proliferation of bacteria and moulds.

Fugalite® Bio guarantees the long-lasting performance and function of tile surfaces and **restricts the growth of microorganisms in the joints**.
Fugalite® Bio is also ideal for environments with a high concentration of damp favourable to the formation of mould and bacteria such as kitchens or bathrooms.

The CSTB, Scientific and Technical Centre for Building, is a French certification authority committed to advancing the quality and security of buildings.

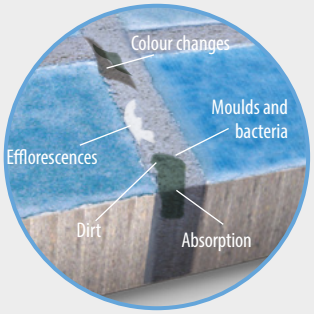
CSTB
le futur en construction

PATENTED

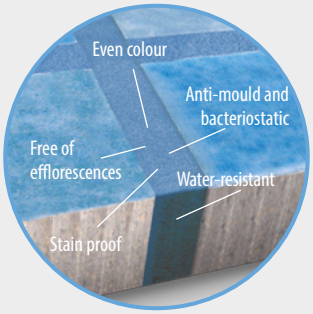
International patent no. 1403659 from the 31/10/2013.

Fugalite® Bio is exclusive to Kerakoll®, and is covered by an international patent as work can be carried out in maximum safety guaranteeing maximum workability, final performance and **ease of cleaning** from dirt, maintaining an **aesthetically perfect**, **healthy surface** protected from mould and bacteria.

Cement-based grout



Fugalite® Bio



FUGALITE® BIO

GREENBUILDING RATING®

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

eco3®	Regional Mineral ≥ 30%	Low Emission IAQ VOC Indoor Air Quality	SLV REDUCED Solvent ≤ 5 g/kg	Low Ecological Impact	Health Care
		✓	✓		✓
		EC 1-R PLUS Cert. Nr. 5206	It has reduced solvent content		Non-toxic and non-hazardous

Ref. GBR Data Report - 03.16

Rating calculated on an average of the colour formulae

GEV-EMICODE CERTIFICATION

GEV-EMICODE EC 1 PLUS R very low emission

Reduced solvent content with very low volatile organic compound emissions, safeguards the health of operators

VOC EMISSIONS LABELLING - FRANCE

ÉMISSIONS DANS L'AIR INTÉRIEUR* A+ A+ A B C

* 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)

YOUR TRUSTED RESELLER:

KERAKOLL Spa
via dell'Artigianato, 9 – 41049 Sassuolo (MO) Italia
Tel. +39 0536 816 511 – Fax +39 0536 816 581
info@kerakoll.com www.kerakoll.com

EN
MKT-TEC code 9/2016 - Ref. GBR Data Report - 03/2016