

# FUGALITE<sup>®</sup>BIO

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



Ideal for  
**NATURAL STONE**



**KERAKOLL**  
The GreenBuilding Company

# FUGALITE<sup>®</sup>BIO

## RESISTANT TO UV RAYS



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

Tests have shown that Fugalite<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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.



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

# FUGALITE<sup>®</sup>BIO

## 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.

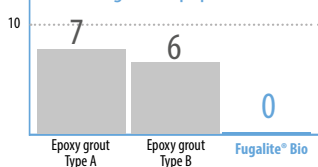
The patch tests carried out on products formulated with old-fashioned resin-based systems that do the same job demonstrated a 3% to 3.5% of positive results. The difference in the sensitizing capacity of Fugalite<sup>®</sup> Bio and of the leading products tested is considered statistically significant 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<sup>®</sup> Bio with 12% of positive results against a percentage of 20 to 36 of the comparative products.

**The advantage that comes from choosing Fugalite<sup>®</sup> 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

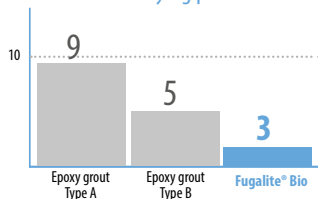
Test on 200 patients from the general population



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.

up to **3 times + safe**

Test on 25 laying professionals



CERTIFICATION OF A JOINT FILLER (FUGALITE<sup>®</sup> 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.



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).



## 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 **suitable 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.



## 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.



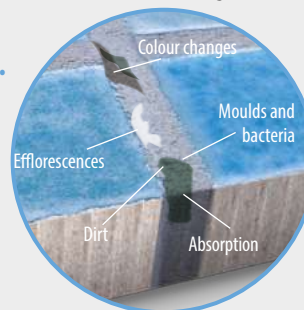
## PATENTED



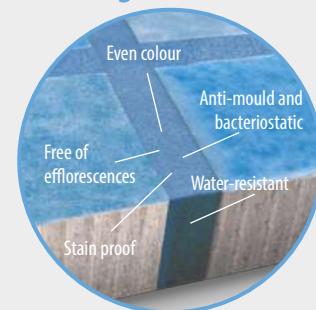
International patent no. 1403659 from the 31/10/2013.

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<sup>®</sup>BIO

## GREENBUILDING RATING<sup>®</sup>

Rating system accredited by Certification Body SGS

					
					
		EC 1-R PLUS Cert. n° 5206	It has reduced solvent content		Non-toxic and non-hazardous

Ref. GBR Data Report - 08.16

Rating calculated on an average of the colour formulae



## EMICODE CERTIFICATION - GEV

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

## CARBON FOOTPRINT – ISO/TS 14067 COMPLIANT



YOUR TRUSTED RESELLER:



KERAKOLL UK Ltd.

Unit 4, The Croft, Buntsford Gate Business Park -  
Bromsgrove, Worcestershire B60 4JE, United Kingdom  
Tel +44 01527 578000 - Fax +44 01527 578170  
info@kerakoll.co.uk - www.kerakoll.com



MKT-TEC code 55/2016  
Ref. GBR Data Report - 08/2016