

***BONDS THE IMPOSSIBLE.***

***GEL ADHESIVES***  
***BIOGEL<sup>®</sup>***



**GreenLab**  
Kerakoll Innovation Center



# IT ALL STARTS HERE

The 9 eco-friendly advanced research and development laboratories within the futuristic Kerakoll GreenLab represent the world's most advanced technology centre for the study and development of new materials for GreenBuilding.

The new Biogel® gel adhesives, was a challenge won by the GreenBuilding engineers at Kerakoll's GreenLab for professional installers.



**GEL®**  
TECHNOLOGY

*The Kerakoll science park, which houses the new Kerakoll GreenLab research centre, is dedicated to research and technological development in the field of green building materials. The futuristic building groups all the Kerakoll group's new scientific laboratories together to form a single research centre, with an exclusive green technology program. Kerakoll offers each customer specific solutions that include 20 ranges of innovative products and 1,700 eco-friendly options with which to design, build and live in harmony with the environment and in a state of well-being, together with high added value services such as planning, technical consultancy, training and on-site assistance.*

# FROM ADHESIVE

## OLD C2 CEMENT-BASED ADHESIVE

**Thickens** quickly in the bucket

**You have to make a stiff mix** to make sure it doesn't shrink

The mix is stiff and **more difficult** to work with

Sets quickly and **doesn't wet the tile thoroughly**

**Performance varies** from one adhesive to another, and it's hard to make the right choice





# TO GEL ADHESIVE

## BIOGEL®

**GLOBAL BREAKTHROUGH**

It **doesn't thicken**, and it keeps in the bucket just the way you made it for long periods

Make the mix however you want it, because it never shrinks

The mix is soft so **you can work better** with less effort

The thixotropic and liquid consistency **wets the entire tile**, even after a long time

**Performance is always superior** and it works for everything and on everything

*Using GEL-TECHNOLOGY®, Kerakoll has opened a new frontier in Research Technology, able to investigate how natural ingredients actually behave and formulate innovative adhesives that behave like a gel.*

**GEL®**  
TECHNOLOGY



# LAMINATED STONEWARE

Biogel® gel adhesives are the first and only single products because they work with everything and on everything.



**CONCRETE**  
*checking absorption*



**CERAMIC TILES**  
*cleaning and drying*



**CEMENT-BASED SCREED**  
*checking hardness and cleanliness*

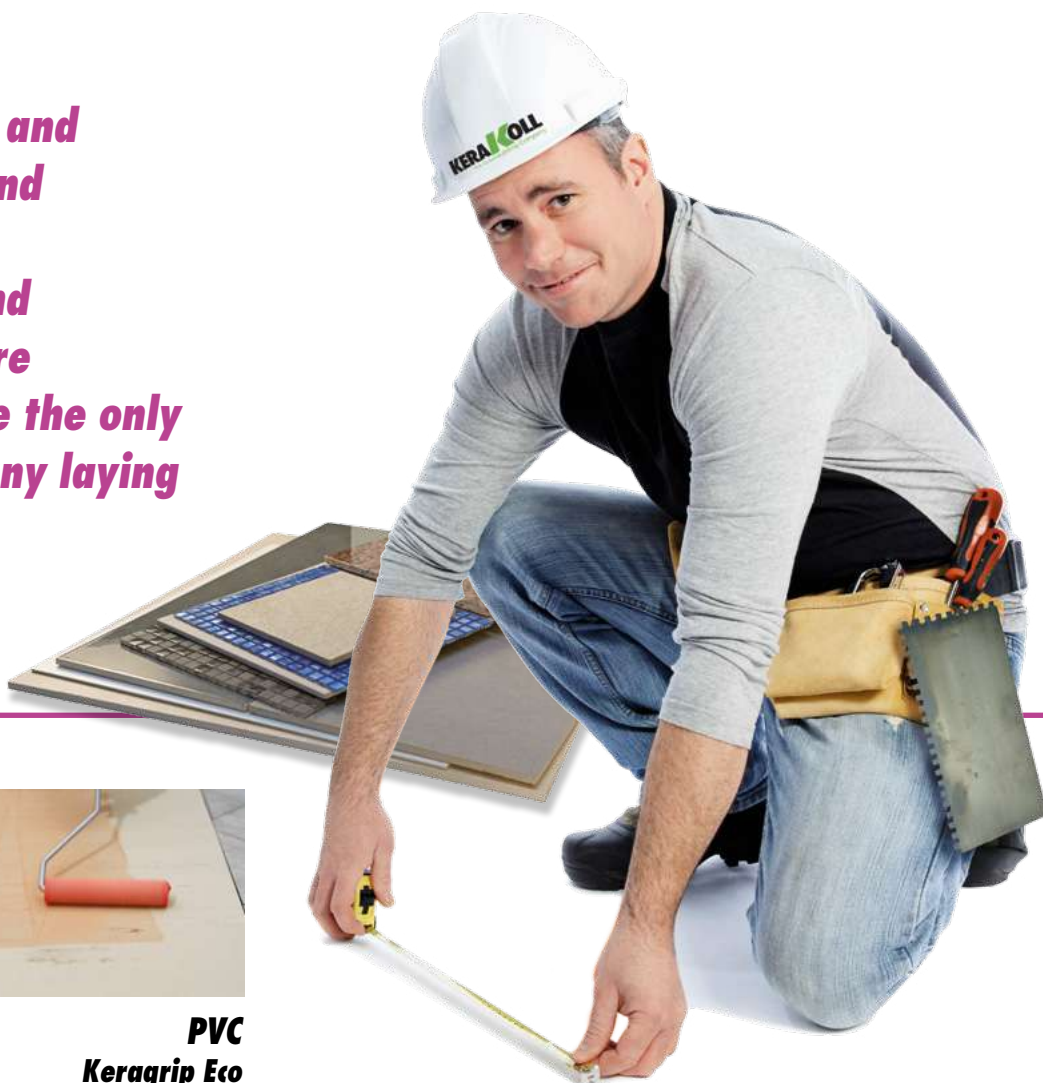


**TIMBER**  
*Keragrip Eco*

# BIOGEL<sup>®</sup>

## THE 1<sup>ST</sup> MULTIPURPOSE GEL ADHESIVES

***“ Every day I find new and difficult substrates and materials to be laid. Biogel<sup>®</sup> No Limits<sup>®</sup> and Biogel<sup>®</sup> Revolution are multipurpose and are the only products that solve any laying problem on any site. Every time. ”***



**METAL**  
**Keragrip Eco**



**PVC**  
**Keragrip Eco**

# BIOGEL<sup>®</sup>

## THE 1<sup>ST</sup> GEL ADHESIVES THAT



**Biogel<sup>®</sup> gel adhesives are thixotropic,  
smooth, and light at any thickness.  
Works easily even on walls, with no tile  
slippage.**



# MAINTAIN THEIR SHAPE



**Thixotropic and liquid mix**



**Supports the tile**



**Doesn't shrink**

***" I was tired of stiff mixes to support the tiles. With Biogel® No Limits® and Biogel® Revolution I found a new thixotropic and liquid consistency that lets me work better and more safely. "***



# BIOGEL®



*“ Biogel® No Limits® and Biogel® Revolution are different because they easily wet the whole tile and substrate. This way I’m always sure, even in the toughest situations on any job site. ”*



# BIO

# THE 1<sup>ST</sup> GEL ADHESIVES WITH FULL WETTABILITY

## COMPARATIVE TEST

**BIOGEL®**

Biogel® gel  
adhesives  
guarantee  
maximum adhesion  
through full  
wettability of the tile  
under any conditions.

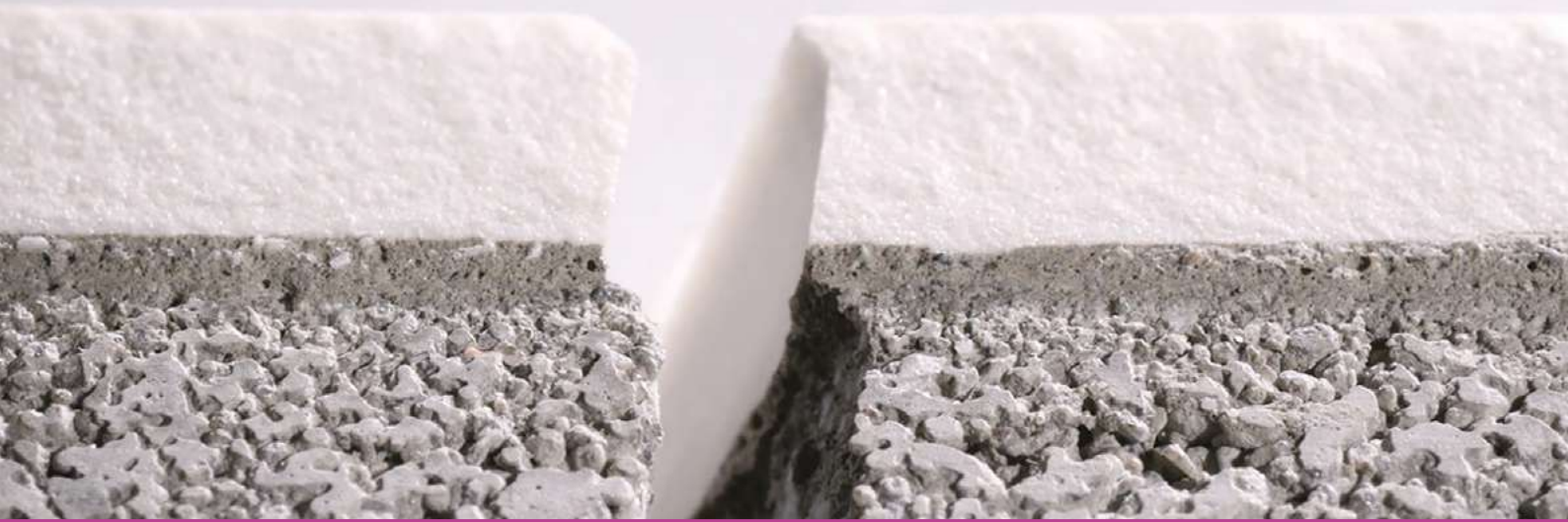
**OLD C2  
CEMENT-BASED  
ADHESIVE**



# **BIOGEL<sup>®</sup>**

## **THE 1<sup>ST</sup> STRUCTURAL**

**Biogel<sup>®</sup> No Limits<sup>®</sup> and Biogel<sup>®</sup> Revolution  
structurally bond the substrate to the tile  
thanks to the Kerakoll geo-binder, and  
guarantee long-lasting adhesion over time.**



**LOAD  
TESTING**



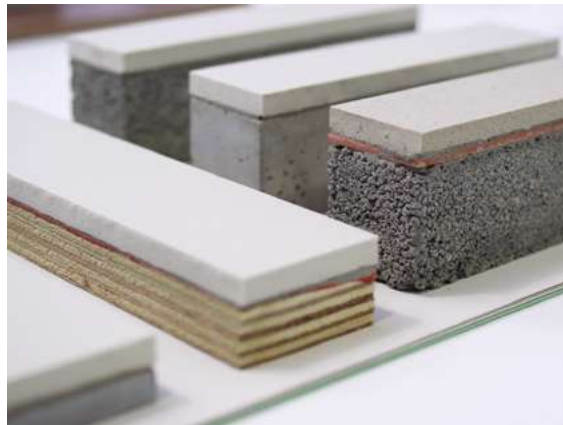


# GEL ADHESIVES

***“ Biogel® No Limits®  
and Biogel®  
Revolution don't  
detach from tiles  
or substrates even  
when they are  
heavily stressed.  
So there's never  
any doubt about my  
work. ”***



**Substrates:**  
**cement-based screed**  
**concrete**  
**TIMBER**  
**METAL**  
**PVC**



# BIOGEL<sup>®</sup>

## THE 1<sup>ST</sup> GEL ADHESIVES WITH



***Preparing Keragrip Eco***



***Applying Biogel<sup>®</sup>***



***Laying tiles***

**Biogel<sup>®</sup> gel adhesives stand up to stresses on the most deformable substrates thanks to the excellent shear strength of the exclusive new low-environmental-impact resins.**



# GUARANTEED FLEXIBILITY

***" I don't like using highly deformable adhesives because they aren't very workable. Biogel® No Limits® and Biogel® Revolution are the only single-component products that can give me a guarantee even on unstable substrates, without sacrificing its improved workability. "***





# BIOGEL<sup>®</sup>

## NO LIMITS<sup>®</sup>

CEMENT-BASED ADHESIVE

### WHITE 1

***" When I need white or light-coloured grouting, using a white adhesive makes my job easier. Only with Biogel<sup>®</sup> No Limits<sup>®</sup> white shock can I be sure that the end result will always be perfect. "***





# **THE 1<sup>ST</sup> WHITE SHOCK GEL ADHESIVE**

CEMENT-BASED ADHESIVE

**WHITE 2**

CEMENT-BASED ADHESIVE

**WHITE 3**

**White  
SHOCK**  
formula

The pure white Carrara marble from the Kerakoll quarries is an exclusive ingredient that renders products workable, delivers incomparable performance, and gives the white versions an unmistakable white colour uniformity.

**GEL**<sup>®</sup>  
TECHNOLOGY



**FEEL THE DIFFERENCE!**

# GEL ADHESIVE **BIOGEL**<sup>®</sup> **REVOLUTION**



*Grey*

**“ Are you ready to work better?  
With BIOGEL<sup>®</sup> gel adhesives you can! ”**

**Learn more**

**You Tube**  
Kerakoll channel UK

**THE 1<sup>ST</sup> GEL  
ADHESIVE FEATURING  
THE LONGEST  
WORKABILITY  
WITH ACCELERATED  
ADHESION.**



# GEL ADHESIVE **BIOGEL®** NO LIMITS



Grey

White  
SHOCK  
formula

**THE 1<sup>ST</sup> GEL  
ADHESIVE THAT  
WILL BOND  
ANYTHING.**

**SUBSTRATES  
NO LIMITS**

**MATERIALS  
NO LIMITS**

**USES  
NO LIMITS**

# HYBRID GEL ADHESIVE **BIOGEL®** EXTREME



HYBRID  
**GEL®**  
TECHNOLOGY

**THE 1<sup>ST</sup> ULTRA-  
DEFORMABLE HYBRID  
GEL ADHESIVE THAT  
BONDS EVERYTHING.**





MKT-TEC code 11/2018  
Ref. GBR Data Report - 12/2017