

KERAKOLL ECO-FRIENDLY LAYING SYSTEMS

LAYING GUIDE FOR FLOORS AND WALLS



Together with nature we
can build the future.

KERA**KOLL**
The GreenBuilding Company



C4

TILE LAYING IN SWIMMING POOL

- Ensures safe laying under continuous immersion
- It is not affected by aggressive water
- Increases the hygiene
- System with very low VOC emissions, improves the quality of air and increases the level of health protection for operators



7



6



5



4



3



2

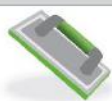


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GROUTING

Coverage
see technical data sheet



Fugalite® Bio

Water-based hypo-allergenic resin for waterproof, stain-proof, silk-effect grouting of porcelain tiles, natural stones and glass mosaic.



TILE LAYING

Laying
White $\approx 1.26 \text{ kg/m}^2$
Grey $\approx 1.29 \text{ kg/m}^2$
per mm of thickness



H40® Eco

C2 TE S1 - EN 12004

Super, quality-certified, universal elastic adhesive to lay or overlay porcelain and ceramic tiles, glass mosaic, low thickness slabs, large formats, and natural stone in any application. Ideal for use in GreenBuilding.



WATERPROOFING

2nd COAT - Coverage
 $\approx 1.15 \text{ kg/m}^2$ per mm of thickness



Aquastop Nanoflex®

CM 01P - EN 14891

Certified, eco-friendly, breathable, anti-alkali and chlorine-resistant, mineral membrane for the flexible waterproofing with high levels of adhesion and durability of substrates before fixing with adhesives, ideal for use in GreenBuilding. Single-component with low CO₂ emissions and very low volatile organic compound emissions, recyclable as an inert material at the end of its life.



Reinforcing mesh
Waterproofing of joints



Aquastop AR1

Special reinforcing mesh made of alkali-resistant glass fibre to strengthen the eco-friendly Aquastop Nanoflex® membrane.

Aquastop 120

Flexible NBR waterproof joint for perimeter and fractionizing joints in waterproofing systems. For use under ceramic and vitrified tiles and natural stone. Bonds directly using Aquastop Nanoflex®.



1st COAT - Coverage
 $\approx 1.15 \text{ kg/m}^2$ per mm of thickness



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Certified, eco-friendly, breathable, anti-alkali and chlorine-resistant, mineral membrane for the flexible waterproofing with high levels of adhesion and durability of substrates before fixing with adhesives, ideal for use in GreenBuilding. Single-component with low CO₂ emissions and very low volatile organic compound emissions, recyclable as an inert material at the end of its life.



$\approx 10 \text{ m}$ (joint 5x5 mm) with 1 290 ml cartridge



Aquastop Nanosil

Eco-friendly rigid neutral silane sealant for waterproof sealing of hydraulic and electric systems, through elements and construction elements in pools, ideal for GreenBuilding.



PREPARATION OF THE SUBSTRATE

Lay round coves between wall and wall, wall and floor and in all corners

WALL LEVELLING

Levelling $\approx 1.15 \text{ kg/m}^2$ per
mm of thickness



Keralevel® Eco LR

CT C20-F6 - EN 13813

Certified, rapid hardening, eco-friendly, mineral levelling product for the high-performance, high-thickness correction of irregular substrates, ideal for use in GreenBuilding. Low CO₂ emissions and very low volatile organic compound emissions, contains locally-sourced recycled raw materials. Recyclable as an inert material at the end of its life.



Καινοτομία σύμφωνα με το Πρότυπο

- Η Aquastop Nanoflex® ταξινομήθηκε από το πρότυπο ως CM 01P:

CM = τσιμεντούχο τροποποιημένο με πολυμερή
01 = ικανότητα γεφύρωσης ρωγμών στους -5 °C
P = αντοχή σε επαφή με χλωριωμένο νερό
(για παράδειγμα: χρήση σε πισίνες)



Aquastop Nanoflex®: το πρώτο Ολοκληρωμένο Σύστημα υψηλής αντοχής

Aquastop Nanoflex®: ανώτερη σε κάθε περίπτωση

ΔΟΚΙΜΗ σύμφωνα με το EN14891	ΑΠΑΙΤΗΣΕΙΣ ΤΟΥ ΠΡΟΤΥΠΟ	ΝΕΟ ΟΛΟΚΛΗΡΩΜΕΝΟ ΣΥΣΤΗΜΑ	ΠΑΛΙΟ ΣΥΣΤΗΜΑ
		AQUASTOP NANOFLEX® + H40® ECO	ΚΟΝΙΑΜΑ ΔΥΟ ΣΥΣΤΑΤΙΚΩΝ + Συγκολλητικό Υλικό Κατηγορίας C2
Αρχική Πρόσφυση	0,5 N/mm ²	2,2 N/mm ²	0,8 N/mm ²
Πρόσφυση μετά από επαφή με νερό	0,5 N/mm ²	1,1 N/mm ²	0,55 N/mm ²
Πρόσφυση μετά από κύκλους ψύξης-απόψυξης	0,5 N/mm ²	1,0 N/mm ²	0,6 N/mm ²
Πρόσφυση μετά την επίδραση θερμότητας	0,5 N/mm ²	2,0 N/mm ²	1,2 N/mm ²
Πρόσφυση μετά από επαφή με χλωριωμένο νερό	0,5 N/mm ²	0,8 N/mm ²	μη δηλωθέν δεδομένο
Πρόσφυση μετά από επαφή με ασβεστόνερο	0,5 N/mm ²	1,5 N/mm ²	0,6 N/mm ²
Πρόσφυση μετά από παρατεταμένη επαφή με ασβεστόνερο (28 ημ.)	Μέθοδος ΚΚ	1,5 N/mm ²	δεν έχει γίνει δοκιμή

'Together with nature we can build the future'

Nico Hylbeur

Kerakoll eco-friendly laying systems



KERAKOLL
The GreenBuilding Company

KERAKOLL Spa

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