



KERAKOLL LAYING SYSTEMS

Laying guide for ceramic, porcelain tiles, mosaic and natural stone

Kerakoll laying systems



Tiling to calcium sulphate screeds
and gypsum based substrates

Page 4



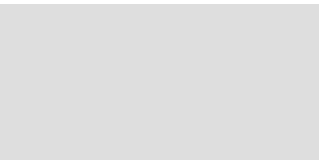
Tiling to wooden substrates
with heating system

Page 6



Tiling to existing tiles
and natural stone

Page 8



Tiling to low profile
heating panels

Page 10



Tiling in damp environments and
showers on wooden substrates

Page 12



Tiling on terraces
and balconies

Page 14



Tiling in
swimming pools

Page 16



Tiling to
external surfaces

Page 18



Tiling to raised
access flooring

Page 20



Tiling with thin and
large format tiles

Page 22



Anti-cracking tiling
to screed with heating system

Page 24



Tiling to flooring grade
bitumen or asphalt substrates

Page 26



Tiling to calcium sulphate screeds and gypsum based substrates

- Guarantees safe laying on calcium sulphate substrates
- Ideal for new and existing substrates
- Compatible with heated and unheated screeds
- System with very low VOC emissions, improves the quality of air and increases the level of health protection for operators



Expansion joints

9



Silicone Color

Decorative sealant for tiles and mosaic in 50 design colours.
Green product for bio-building.

Rating 3
Coverage
see data sheet



8



Fugabella® Color

Decorative Resina-cemento® (resin-cement) for grouting of ceramic and porcelain tiles, mosaic and natural stone in a 50-colour design range. Green product for bio-building.

Rating 2
Coverage
see data sheet



7



Tile laying on floor

H40® Advanced

Rapid setting, multipurpose Gel-Adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.

Rating 3
Coverage
Grey ≈ 1.3 kg/m²
per mm of thickness
White ≈ 1.2 kg/m²
per mm of thickness



6

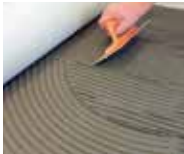


Biotex

Recycled and thermo-bonded polyester, reinforced anti-fracture membrane, specifically designed to absorb shear stresses between substrates and bonded coatings; suitable as reinforcement for the laying of ceramic tiles of all kinds, large formats, porcelain tiles and natural stone.



5



H40® Advanced

Rapid setting, multipurpose Gel-Adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.

Rating 3
Coverage
Grey ≈ 1.3 kg/m²
per mm of thickness
White ≈ 1.2 kg/m²
per mm of thickness



4



Tile laying on wall

H40® Gel

Standard setting, multipurpose Gel-Adhesive, structural, flexible, thixo & fluid. For tiles and stone of all types and formats.

Rating 4 Grey/3 White
Coverage
Grey ≈ 1.3 kg/m²
per mm of thickness
White ≈ 1.2 kg/m²
per mm of thickness



3



Preparation of substrates

Primer A Eco

Certified, eco-friendly, water-based primer for dry, absorbent mineral/cement/gypsum or anhydrite-based substrates.

Rating 5
Coverage
≈ 10 m² – 25 m²/1 litre



Substrate

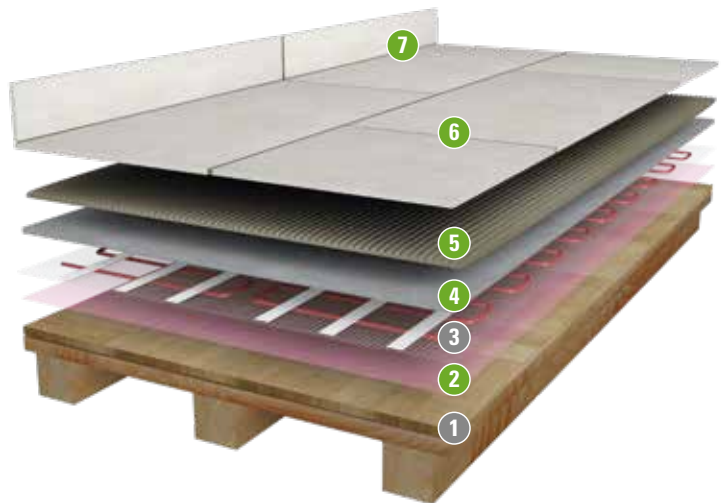
2_Calcium sulphate screed

1_Insulation and underfloor heating pipes



Tiling to wooden substrates with heating system

- Guarantees safe laying on high-deformation substrates
- Optimises heating system performance
- Insensitive to changes in temperature
- Fast completion of work
- System with very low VOC emissions, improves the quality of air and increases the level of health protection for operators





7_ Expansion joints

Silicone Color

Decorative sealant for tiles and mosaic in 50 design colours.
Green product for bio-building.

Rating 3
Coverage
see data sheet






6_ Grouting

Fugabella® Color

Decorative Resina-cemento® (resin-cement) for grouting of ceramic and porcelain tiles, mosaic and natural stone in a 50-colour design range. Green product for bio-building.

Rating 2
Coverage
see data sheet






5_ Tile laying

H40® Advanced

Rapid setting, multipurpose Gel-Adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.

Rating 3
Coverage
Grey ≈ 1.3 kg/m² per mm of thickness
White ≈ 1.2 kg/m² per mm of thickness






4_ Substrate levelling

Keratech® Eco R30

Certified, extra fast-acting, eco-friendly, mineral self-levelling product for the high-performance, high-thickness correction of irregular substrates.

Rating 3
Coverage
≈ 1.8 kg/m² per mm of thickness






3_ Heating system

Keragrip Eco

Certified, eco-friendly, water-based adhesion promoter for compact, absorbent and non-absorbent substrates.

Rating 5
Coverage
≈ 0.1 – 0.2 kg/m²

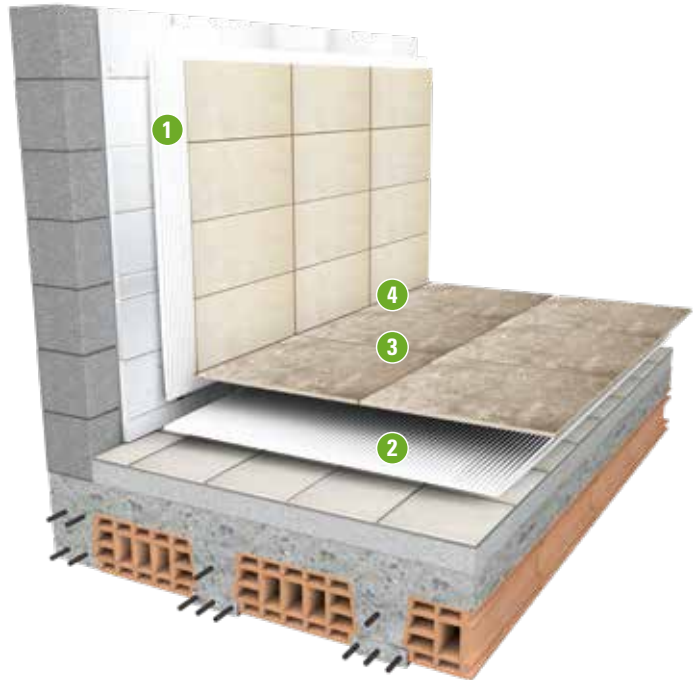
Substrate

1_ Timber panel



Tiling to existing tiles and natural stone

- Guarantees safe laying on existing floors and walls
- Ideal in renovation work
- Reduces operation times
- Avoids the costs and inconvenience of removal and disposal of the existing floor and wall tiles
- System with very low VOC emissions, improves the quality of air and increases the level of health protection for operators



4



Expansion joints

Silicone Color

Decorative sealant for tiles and mosaic in 50 design colours.
Green product for bio-building.

Rating 3
Coverage
see data sheet



3



Grouting

Fugabella® Color

Decorative Resina-cemento® (resin-cement) for grouting of ceramic and porcelain tiles, mosaic and natural stone in a 50-colour design range. Green product for bio-building.

Rating 2
Coverage
see data sheet



2



Tile laying on floor

H40® Advanced

Rapid setting, multipurpose gel-adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.

Rating 3
Coverage
Grey ≈ 1.3 kg/m²
per mm of thickness
White ≈ 1.2 kg/m²
per mm of thickness



1



Tile laying on wall

H40® Gel

Standard setting, multipurpose gel-adhesive, structural, flexible, thix & fluid. For tiles and stone of all types and formats.

Rating 4 Grey/3 White
Coverage
Grey ≈ 1.3 kg/m²
per mm of thickness
White ≈ 1.2 kg/m²
per mm of thickness



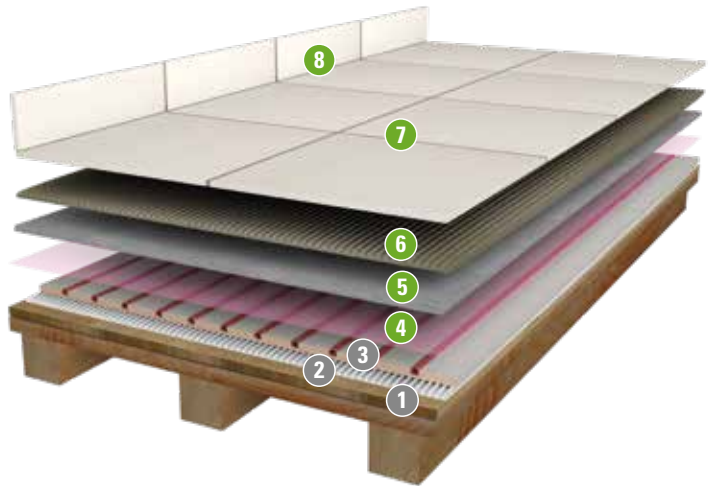
Substrate



Before levelling and/or fixing, clean the old flooring thoroughly, making sure you eliminate all traces of dirt using specific cleaning products. If in doubt, sand the surface. Fix loose elements or elements that are not perfectly fixed, and fill in any gaps with specific product.






Tiling to low profile heating panels



- Guarantees safe laying
- Optimises heating system performance
- Insensitive to changes in temperature
- Fast completion of work
- System with very low VOC emissions, improves the quality of air and increases the level of health protection for operators





8		<p>Expansion joints</p> <p>Silicone Color</p> <p>Decorative sealant for tiles and mosaic in 50 design colours. Green product for bio-building.</p>	<p>Rating 3 Coverage see data sheet</p>	
----------	---	--	---	--

7		<p>Grouting</p> <p>Fugabella® Color</p> <p>Decorative Resina-cemento® (resin-cement) for grouting of ceramic and porcelain tiles, mosaic and natural stone in a 50-colour design range. Green product for bio-building.</p>	<p>Rating 2 Coverage see data sheet</p>	
----------	---	---	---	--

6		<p>Tile laying</p> <p>H40® Advanced</p> <p>Rapid setting, multipurpose Gel-Adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.</p>	<p>Rating 3 Coverage Grey ≈ 1.3 kg/m² per mm of thickness White ≈ 1.2 kg/m² per mm of thickness</p>	
----------	---	---	---	--

5		<p>Substrate levelling</p> <p>Keratech® Eco R30</p> <p>Certified, extra fast-acting, eco-friendly, mineral self-levelling product for the high-performance, high-thickness correction of irregular substrates.</p>	<p>Rating 3 Coverage ≈ 1.8 kg/m² per mm of thickness</p>	
----------	--	--	---	--

4		<p>Preparation of substrates</p> <p>Keragrip Eco</p> <p>Certified, eco-friendly, water-based adhesion promoter for compact, absorbent and non-absorbent substrates.</p>	<p>Rating 5 Coverage ≈ 0.1 – 0.2 kg/m²</p>	
----------	---	---	---	--

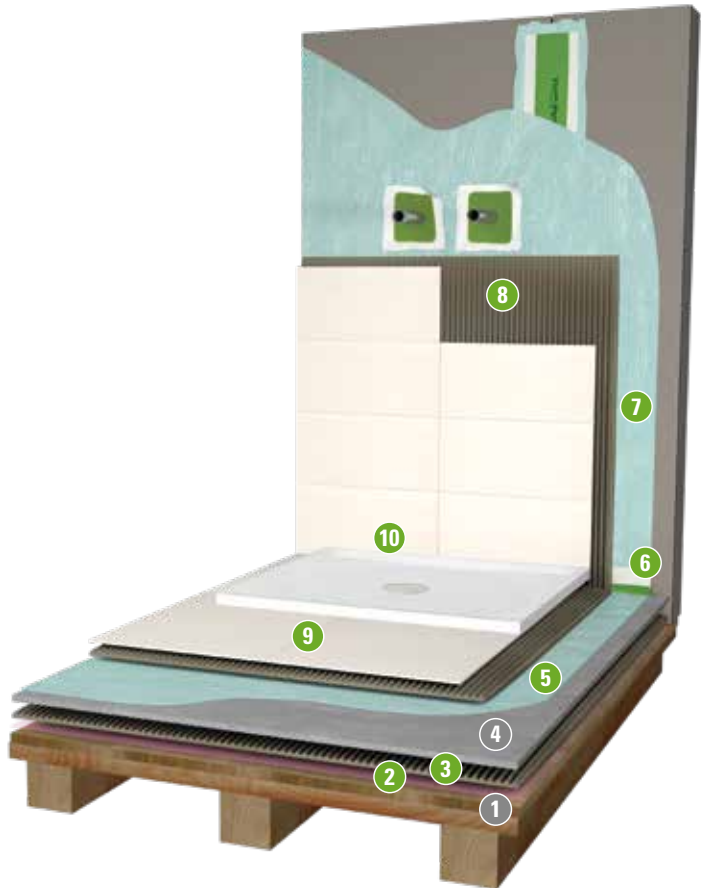
Substrate





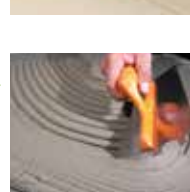

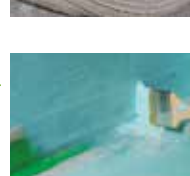
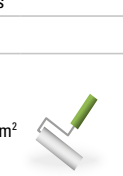








- 3_Low profile heating panel*
- 2_Adhesive*
- 1_Timber panel*



Tiling in damp environments and showers on wooden substrates

- Guarantees the water protection of adjacent rooms
- Suitable for renovation work
- High level of chemical stability
- System with very low VOC emissions, improves the quality of air and increases the level of health protection for operators



10		<p>Expansion joints</p> <p>Silicone Color</p> <p>Decorative sealant for tiles and mosaic in 50 design colours. Green product for bio-building.</p>	<p>Rating 3 Coverage see data sheet</p>	
9		<p>Grouting</p> <p>Fugalite® Bio</p> <p>Water-based hypo-allergenic resin for waterproof, stain-proof, silk-effect grouting of porcelain tiles, natural stones and glass mosaic.</p>	<p>Rating 3 Coverage see data sheet</p>	
8		<p>Tile laying</p> <p>H40® Gel</p> <p>Standard setting, multipurpose Gel-Adhesive, structural, flexible, thixo & fluid. For tiles and stone of all types and formats.</p>	<p>Rating 4 Grey/3 White Coverage Grey ≈ 1.3 kg/m² per mm of thickness White ≈ 1.2 kg/m² per mm of thickness</p>	
7		<p>Waterproofing</p> <p>Nanodefense® Eco (2nd coat)</p> <p>Certified, eco-friendly, organic, water-based, mineral waterproofing product for absorbent substrates in damp environments.</p>	<p>Rating 5 Coverage ≈ 0.75 kg/m² per coat</p>	
6		<p>Aquastop 120</p> <p>Flexible NBR waterproof joint for perimeter and fractionizing joints in waterproofing systems. For use under ceramic and porcelain tiles and natural stone. Bonds directly on application.</p>		
5		<p>Nanodefense® Eco (1st coat)</p> <p>Certified, eco-friendly, organic, water-based, mineral waterproofing product for absorbent substrates in damp environments.</p>	<p>Rating 5 Coverage ≈ 0.75 kg/m² per coat</p>	
4_Cement board				
3		<p>H40® Advanced</p> <p>Rapid setting, multipurpose Gel-Adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.</p>	<p>Rating 3 Coverage Grey ≈ 1.3 kg/m² per mm of thickness White ≈ 1.2 kg/m² per mm of thickness</p>	
Preparation of substrates				
2		<p>Keragrip Eco</p> <p>Certified, eco-friendly, water-based adhesion promoter for compact, absorbent and non-absorbent substrates.</p>	<p>Rating 5 Coverage ≈ 0.1 – 0.2 kg/m²</p>	

1_Timber panel on floor / Backer Board panel on wall




Tiling on terraces and balconies


- Guarantees safe laying in difficult temperature and humidity conditions
- Ensures protection of the underlying structure
- Guarantees excellent resistance to temperature variations
- Complete hydrophobicity
- Fast completion of work
- System with very low VOC emissions, improves the quality of air and increases the level of health protection for operators




Expansion joints

8  **Silicone Color**
Decorative sealant for tiles and mosaic in 50 design colours.
Green product for bio-building.


Rating 3
Coverage
see data sheet




Grouting

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


Rating 3
Coverage
see data sheet




Tile laying

6  **H40® Advanced**
Rapid setting, multipurpose Gel-Adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.


Rating 3
Coverage
Grey ≈ 1.3 kg/m² per mm of thickness
White ≈ 1.2 kg/m² per mm of thickness





Waterproofing


5  **Aquastop Nanoflex® (2nd coat)**
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 laying with adhesives.

Rating 3
Coverage ≈ 1.15 kg/m² per mm of thickness





4  **Aquastop AR1**
Special reinforcing mesh made of alkali-resistant glass fibre to strengthen the eco-friendly Aquastop Nanoflex® and Aquastop Flex membrane.




3  **Aquastop Nanoflex® (1st coat)**
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 laying with adhesives.


Rating 3
Coverage ≈ 1.15 kg/m² per mm of thickness




2  **Aquastop 120**
Flexible NBR waterproof joint for perimeter and fractionizing joints in waterproofing systems. For use under ceramic and porcelain tiles and natural stone. Bonds directly on application.



Substrate

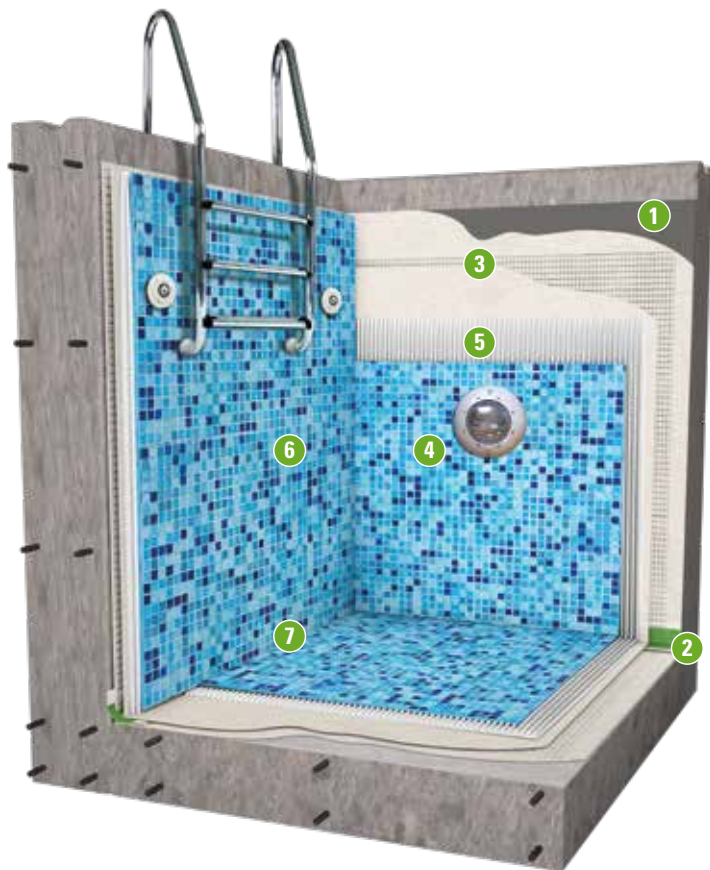
1  **Keracem Eco**
Certified, eco-friendly, normal-setting and quick-drying mineral hydraulic binder for high-performance screeds. Ideal for underfloor heating systems.















Rating 2
Coverage
see data sheet



Tiling in swimming pools

- 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

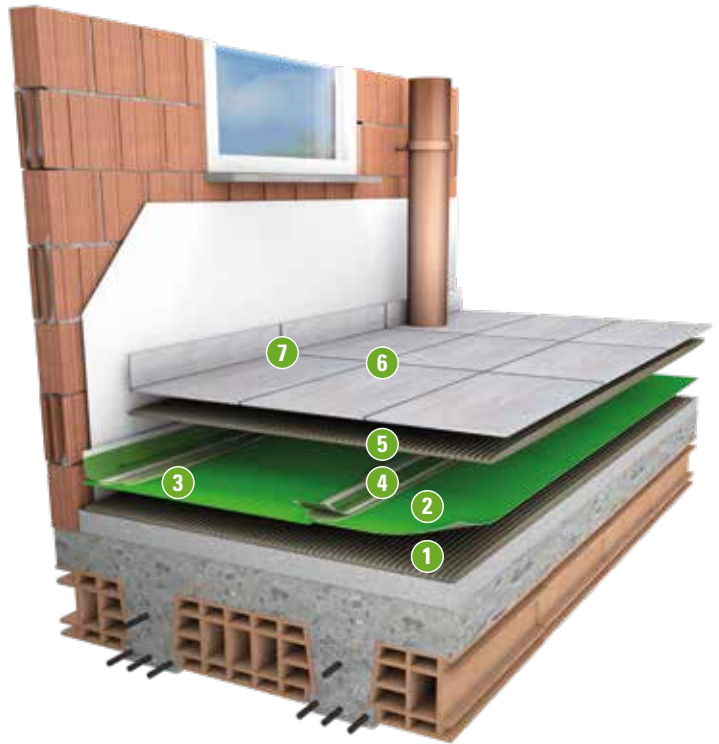


7		Expansion joints	Silicone Color Decorative sealant for tiles and mosaic in 50 design colours. Green product for bio-building.	Rating 3 Coverage see data sheet	
6		Grouting	Fugalite® Bio Water-based hypo-allergenic resin for waterproof, stain-proof, silk-effect grouting of porcelain tiles, natural stones and glass mosaic.	Rating 3 Coverage see data sheet	
5		Tile laying	H40® Gel Standard setting, multipurpose Gel-Adhesive, structural, flexible, thixo & fluid. For tiles and stone of all types and formats.	Rating 4 Grey/3 White Coverage Grey ≈ 1.3 kg/m ² per mm of thickness White ≈ 1.2 kg/m ² per mm of thickness	
4		Waterproofing	Aquastop Nanosil Eco-friendly rigid neutral silane sealant for waterproof sealing of hydraulic and electric systems, through elements and construction elements in pools and in Kerakoll® waterproofing systems.	Rating 4 Coverage ≈ 10 m (joint 5x5 mm) with 1 cartridge (290 ml)	
3		Aquastop Nanoflex® (1st coat) (2nd coat)	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 laying with adhesives.	Rating 3 Coverage ≈ 1.15 kg/m ² per mm of thickness	
2		Aquastop 120	Flexible NBR waterproof joint for perimeter and fractionizing joints in waterproofing systems. For use under ceramic and porcelain tiles and natural stone. Bonds directly on application.	Rating 3 Coverage ≈ 1.3 kg/m ² per mm of thickness	
1		Wall levelling	Keralevel® Eco LR Certified, fast-acting, eco-friendly, mineral levelling product for the high-performance, high-thickness correction of irregular substrates.	Rating 3 Coverage ≈ 1.3 kg/m ² per mm of thickness	



Tiling to external surfaces

- It waterproofs any surface, old or new, damp or dry, cracked or subject to dimensional variations
- It compensates for hygrometric shrinkage and thermal deformation stress
- It reduces on-site working times: waterproofing and laying of the coating without waiting, withstands foot traffic immediately
- It solves the problem of respecting substrate joints



Expansion joints



Silicone Color

Decorative sealant for tiles and mosaic in 50 design colours.
Green product for bio-building.

Rating 3
Coverage
see data sheet



Grouting



Fugalite® Bio

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

Rating 3
Coverage
see data sheet



Tile laying



H40® Advanced

Rapid setting, multipurpose Gel-Adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.

Rating 3
Coverage
Grey $\approx 1.3 \text{ kg/m}^2$
per mm of thickness
White $\approx 1.2 \text{ kg/m}^2$
per mm of thickness



Waterproofing



Aquastop 120

Flexible NBR waterproof joint for perimeter and fractionizing joints in waterproofing systems. For use under ceramic and porcelain tiles and natural stone. Bonds directly on application.



Aquastop Fix

Certified, eco-friendly, mineral sealant for waterproof, high-adhesion sealing.

Rating 2
Coverage $\approx 0.8 \text{ kg/m}^2$



Aquastop Green

Uncoupling and anti-cracking waterproof membrane with high adhesion for balconies, terraces and horizontal surfaces before laying ceramic tiles or natural stone; creates a waterproof surface even when overlaid on substrates that are cracked, have not been perfectly cured or might contain vapour pressure due to residual substrate moisture content.

Coverage 23 m^2
with 1 roll 20 m



H40® Advanced

Rapid setting, multipurpose Gel-Adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.

Rating 3
Coverage
Grey $\approx 1.3 \text{ kg/m}^2$
per mm of thickness
White $\approx 1.2 \text{ kg/m}^2$
per mm of thickness

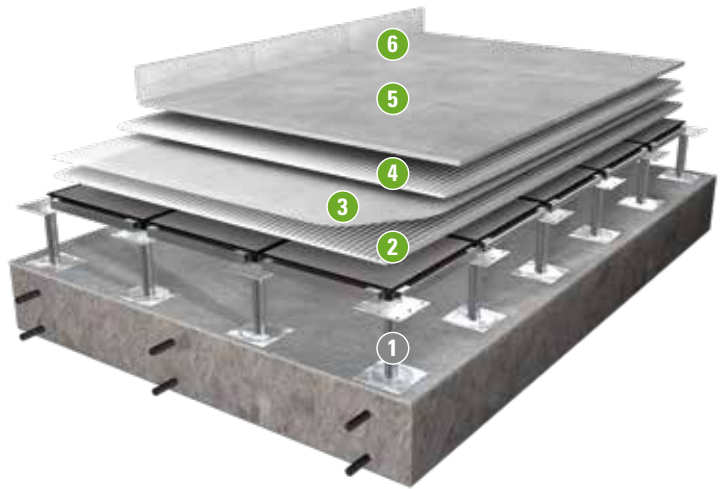












Substrates: screeds, marble floor tiles, natural stone floorings anchored to the substrate, fibre-cement and plaster-board panels anchored to the substrate. Check mechanical performance and substrates integrity; check the surface cleaning.



Tiling to raised access flooring

- Guarantees safe laying
- Low profile system
- Fast completion of work
- System with very low VOC emissions, improves the quality of air and increases the level of health protection for operators

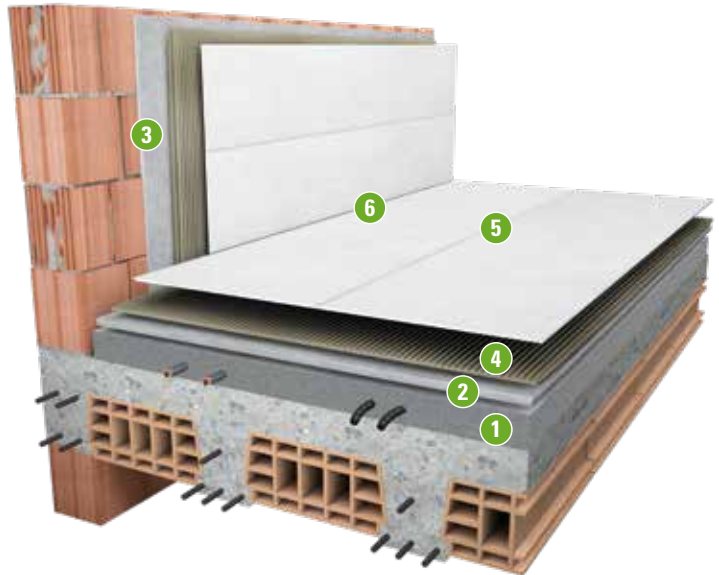














6_		Expansion joints	Silicone Color Decorative sealant for tiles and mosaic in 50 design colours. Green product for bio-building.	Rating 3 Coverage see data sheet		
5_		Grouting	Fugabella® Color Decorative Resina-cemento® (resin-cement) for grouting of ceramic and porcelain tiles, mosaic and natural stone in a 50-colour design range. Green product for bio-building.	Rating 2 Coverage see data sheet		
4_		Tile laying	H40® Extreme Highly deformable and workable Hybrid Gel-Adhesive, tested for extreme conditions and uses.	Rating 2 Coverage ≈ 1.45 kg/m ² per mm of thickness		
3_		Biotex	Recycled and thermo-bonded polyester, reinforced anti-fracture membrane, specifically designed to absorb shear stresses between substrates and bonded coatings; suitable as reinforcement for the laying of ceramic tiles of all kinds, large formats, porcelain tiles and natural stone.			
2_		H40® Extreme®	Highly deformable and workable Hybrid Gel-Adhesive, tested for extreme conditions and uses.	Rating 2 Coverage ≈ 1.45 kg/m ² per mm of thickness		
		Substrate				
		1_ Raised access flooring system				



Tiling with thin and large format tiles

- Guarantees safe laying of thin elements
- Ensures high resistance to compression
- Suitable for renovation work
- Reduces operation times
- System with very low VOC emissions, improves the quality of air and increases the level of health protection for operators

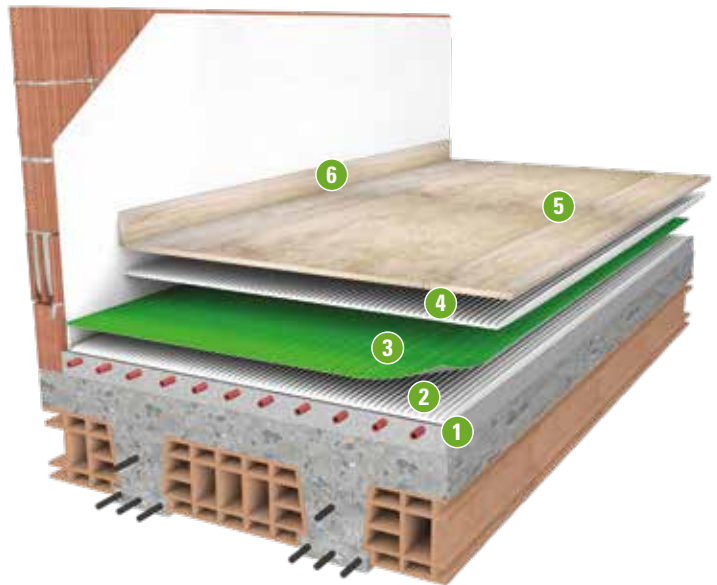


6		Expansion joints	Silicone Color Decorative sealant for tiles and mosaic in 50 design colours. Green product for bio-building.	Rating 3 Coverage see data sheet	
5		Grouting	Fugabella® Color Decorative Resina-cemento® (resin-cement) for grouting of ceramic and porcelain tiles, mosaic and natural stone in a 50-colour design range. Green product for bio-building.	Rating 2 Coverage see data sheet	
4		Tile laying	H40® Gel Standard setting, multipurpose Gel-Adhesive, structural, flexible, thixo & fluid. For tiles and stone of all types and formats.	Rating 4 Grey/3 White Coverage Grey ≈ 1.3 kg/m ² per mm of thickness White ≈ 1.2 kg/m ² per mm of thickness	
3		Wall levelling	Keralevel® Eco LR Certified, fast-acting, eco-friendly, mineral levelling product for the high-performance, high-thickness correction of irregular substrates.	Rating 3 Coverage ≈ 1.3 kg/m ² per mm of thickness	
2		Substrate levelling	Keratech® Eco R30 Certified, extra fast-acting, eco-friendly, mineral self-levelling product for the high-performance, high-thickness correction of irregular substrates.	Rating 3 Coverage ≈ 1.8 kg/m ² per mm of thickness	
1		Substrate	Keracem® Eco Certified, eco-friendly, normal-setting and quick-drying mineral hydraulic binder for high-performance screeds. Ideal for underfloor heating systems.	Rating 2 Coverage see data sheet	



Anti-cracking tiling to screed with heating system

- Specifically for cancelling out cracks and joints in the substrate
- Uncoupling system to compensate for hygrometric shrinkage stresses
- Practical and fast, immediately accessible to foot traffic
- Guarantees safe laying in difficult conditions
- System with very low VOC emissions, improves the quality of air and increases the level of health protection for operators

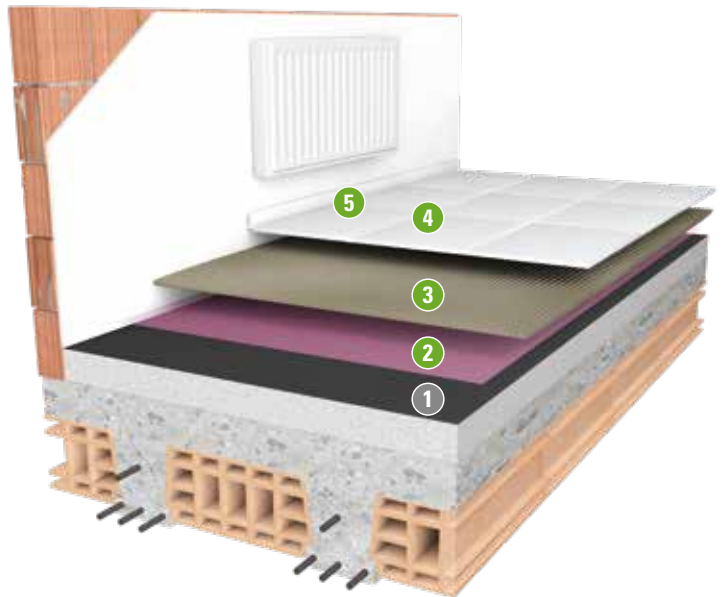


6		Expansion joints	Silicone Color Decorative sealant for tiles and mosaic in 50 design colours. Green product for bio-building.	Rating 3 Coverage see data sheet	
5		Grouting	Fugabella® Color Decorative Resina-cemento® (resin-cement) for grouting of ceramic and porcelain tiles, mosaic and natural stone in a 50-colour design range. Green product for bio-building.	Rating 2 Coverage see data sheet	
4		Tile laying	H40® Advanced Rapid setting, multipurpose gel-adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.	Rating 3 Coverage Grey ≈ 1.3 kg/m ² per mm of thickness White ≈ 1.2 kg/m ² per mm of thickness	
3		Anti-cracking	Aquastop Green Uncoupling and anti-cracking waterproof membrane with high adhesion for balconies, terraces and horizontal surfaces before laying ceramic tiles or natural stone; creates a waterproof surface even when overlaid on substrates that are cracked, have not been perfectly cured or might contain vapour pressure due to residual substrate moisture content.	Coverage 23 m ² with 1 roll 20 m	
2		H40® Advanced	Rapid setting, multipurpose gel-adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.	Rating 3 Coverage Grey ≈ 1.3 kg/m ² per mm of thickness White ≈ 1.2 kg/m ² per mm of thickness	
1		Substrate	Keracem® Eco Certified, eco-friendly, normal-setting and quick-drying mineral hydraulic binder for high-performance screeds. Ideal for underfloor heating systems.	Rating 2 Coverage see data sheet	



Tiling to flooring grade bitumen or asphalt substrates

- Guarantees safe laying
- Ideal in renovation work
- Fast completion of work
- System with very low VOC emissions, improves the quality of air and increases the level of health protection for operators



5



Expansion joints

Silicone Color

Decorative sealant for tiles and mosaic in 50 design colours.
Green product for bio-building.

Rating 3
Coverage
see data sheet



4



Grouting

Fugabella® Color

Decorative Resina-cemento® (resin-cement) for grouting of ceramic and porcelain tiles, mosaic and natural stone in a 50-colour design range. Green product for bio-building.

Rating 2
Coverage
see data sheet



3



Tile laying

H40® Advanced

Rapid setting, multipurpose Gel-Adhesive, structural, flexible, thixotropic & fluid. For tiles and stone of all types and formats.

Rating 3
Coverage
Grey ≈ 1.3 kg/m²
per mm of thickness
White ≈ 1.2 kg/m²
per mm of thickness



2



Preparation of substrates

Keragrip Eco

Certified, eco-friendly, water-based adhesion promoter for compact, absorbent and non-absorbent substrates.

Rating 5
Coverage
≈ 0.1 – 0.2 kg/m²



Substrate

1_Bitumen/asphalt

N.B.

The coverage information is to be considered merely indicative.

Storage information refers to the product in its original packaging, which carries all the specific information on product storage.

The Catalogue is drafted on the basis of our best technical and practical knowledge. The classifications refer to the GreenBuilding Rating® Manual 2013 and Carbon FootPrint data are calculated using the LCA method according to standards ISO 14040-44 (ref. GBR Data Report 02.22). All rights reserved. © Kerakoll. All rights to the content of this publication are reserved in accordance with applicable law. The duplication, publication, and distribution, in full or in part, of all material contained herein, are expressly forbidden without written authorization.

Additions and/or amendments to this information may be made over time by KERAKOLL Spa; for the latest version, see www.kerakoll.com.

KERAKOLL Spa shall therefore be liable for the validity, accuracy and updating of information provided only when taken directly from its institutional website.

Products for professional use. For information on the product safety data, refer to the corresponding sheets provided in accordance with the law along with the health labelling on the packaging.



TILEMASTER ADHESIVES Ltd. - KERAKOLL GROUP
Tomlinson Road, Leyland, Lancashire PR25 2DY, United Kingdom
Tel +44 01772 456 831
www.tilemasteradhesives.co.uk www.kerakoll.com