

# Color & Warm Collection

Technical specifications

**kerakoll**



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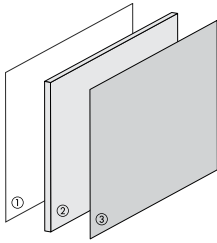
## **Absolute Paint**

*Protection and decoration of internal surfaces: made by applying by brush, roller or spray, two coats of a paint, such as Absolute Paint by Kerakoll Spa, GreenBuilding Rating® 4, with a coverage of  $\approx 0.15-0.2$  l/m<sup>2</sup>. Highly breathable, VOC-free, free from heavy metals according to EN 71-3 standard, fungistatic and bacteriostatic. Resistant to wet scrubbing according to ISO 11998 class II EN13300, with permeability to water vapour class V1 (highly breathable) according to EN ISO 7783-2 standard.*

## **Decor Paint**

*Protection and decoration of internal surfaces: made by applying by brush, roller or spray, two coats of a breathable, easy-to-sanitize, decorative resin-paint, resistant to bacterial growth, such as Decor Paint by Kerakoll Spa, GreenBuilding Rating® 4, with a coverage of  $\approx 0.15-0.2$  l/m<sup>2</sup>. With permeability to water vapour class V2 (breathable) according to EN ISO 7783 standard, resistant to bacterial growth (100%) according to ISO 15457, resistant to the development of bacteria according to ISO 22196, non-toxic according to EN 71-3 standard, suitable for the decoration of environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system, suitable for the covering of environments intended for food preparation, with excellent chemical resistance (class 5), stain-proof and resistant to detergents according to EN 12720 standard.*

## Wallcrete Living



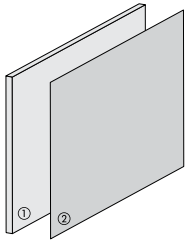
① Universal Wall Primer – 0.15 l/m<sup>2</sup>

② Wallcrete – 2 kg/m<sup>2</sup>

③ Decor Paint – 0.2 l/m<sup>2</sup>

*Water-based resin covering with coloured trowelled material texture Wallcrete Living by Kerakoll Spa with overall thickness of  $\approx 2$  mm, suitable for the decoration of domestic and commercial interior environments: made by applying with a roller or brush the universal primer Universal Wall Primer by Kerakoll Spa, GreenBuilding Rating® 4, with a coverage of  $\approx 0.15$  l/m<sup>2</sup>; by subsequently applying with a spreader two coats of a texturizing base finishing coat, such as Wallcrete by Kerakoll Spa, GreenBuilding Rating® 2, in a ratio of 2 kg/m<sup>2</sup>; and by applying with a roller two coats of a breathable, easy-to-sanitize, decorative resin-paint, resistant to bacterial growth, such as Decor Paint by Kerakoll Spa, GreenBuilding Rating® 4, with a coverage of  $\approx 0.2$  l/m<sup>2</sup>. With permeability to water vapour class V2 (breathable) according to EN ISO 7783 standard, compliant with EN 15824 standard, resistant to bacterial growth (100%) according to ISO 15457, resistant to the development of bacteria according to ISO 22196, non-toxic according to EN 71-3 standard, suitable for the decoration of environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system, suitable for the covering of environments intended for food preparation, with excellent chemical resistance (class 5), stain-proof and resistant to detergents according to EN 12720 standard.*

## Wallpaper® Living

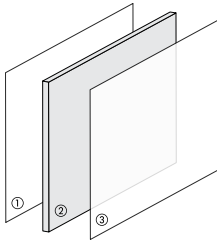


① Wallpaper® Living – 1.5 kg/m<sup>2</sup>

② Decor Paint – 0.18 l/m<sup>2</sup>

*Water-based resin covering with superflat smooth finish Wallpaper® Living by Kerakoll Spa with overall thickness of  $\approx 1$  mm, suitable for the decoration of domestic and commercial interior environments: made by first applying with a spreader three coats of a smooth base finishing coat, such as Wallpaper® Living by Kerakoll Spa, GreenBuilding Rating® 3, in a ratio of 1.5 kg/m<sup>2</sup>; and then by applying with a roller two coats of a breathable, easier to keep clean, decorative resin-paint, resistant to bacterial growth, such as Decor Paint by Kerakoll Spa, GreenBuilding Rating® 4, with a coverage of  $\approx 0.18$  l/m<sup>2</sup>. With permeability to water vapour class V2 (breathable) according to EN ISO 7783 standard, compliant with EN 15824 standard, resistant to bacterial growth (100%) according to ISO 15457, resistant to the development of bacteria according to ISO 22196, non-toxic according to EN 71-3 standard, suitable for the decoration of environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system, suitable for the covering of environments intended for food preparation, with excellent chemical resistance (class 5), stain-proof and resistant to detergents according to EN 12720 standard.*

## Patina® Living



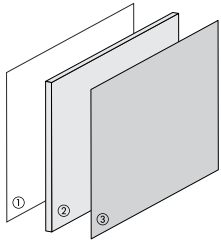
① Universal Wall Primer – 0.15 l/m<sup>2</sup>

② Patina® – 2 kg/m<sup>2</sup>

③ Finish – 0.15 l/m<sup>2</sup>

*Water-based resin covering with coloured “old-look” plaster texture and natural shaded finish Patina® Living by Kerakoll Spa with overall thickness of  $\approx 2$  mm, suitable for the decoration of domestic and commercial interior environments: made by first applying with a roller or brush a universal primer, such as Universal Wall Primer by Kerakoll Spa, GreenBuilding Rating® 4, with a coverage of  $\approx 0.15$  l/m<sup>2</sup>; then by applying with a spreader two coats of a coloured texturizing finishing coat, such as Patina® by Kerakoll Spa, GreenBuilding Rating® 3, in a ratio of 2 kg/m<sup>2</sup>; and finally by applying with a brush two coats of a protective water-based, easier to keep clean, impregnating finish, such as Finish by Kerakoll Spa, GreenBuilding Rating® 4, with a coverage of  $\approx 0.15$  l/m<sup>2</sup>. With permeability to water vapour class V2 (breathable) according to EN ISO 7783 standard, compliant with EN 15824 standard, non-toxic according to EN 71-3 standard, with excellent chemical resistance (class 5), stain-proof and resistant to detergents according to EN 12720 standard.*

## Stripe Living



① Universal Wall Primer – 0.15 l/m<sup>2</sup>

② Stripe \* – 0.7 l/m<sup>2</sup>

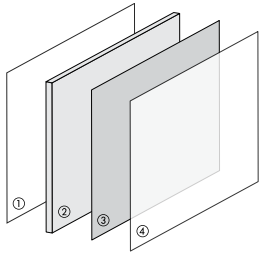
③ Decor Paint – 0.2 l/m<sup>2</sup>

\* In order to obtain the coded effect, it is necessary to apply Stripe on a smooth and even surface.

*Water-based resin covering with Stripe Living coloured, “old-look” micro-lined texture by Kerakoll Spa with overall thickness of  $\approx 2$  mm, suitable for the decoration of domestic and commercial interior environments: made by first applying with a roller or brush of a universal primer, such as Universal Wall Primer by Kerakoll Spa, GreenBuilding Rating® 4, in a ratio of  $\approx 0.15$  l/m<sup>2</sup>; then by applying with the specific tool Stripe Tool by Kerakoll Spa two coats of a coloured base texturizing agent, such as Stripe by Kerakoll Spa, GreenBuilding Rating® 2, in a ratio of 0.7 l/m<sup>2</sup>; and finally by applying with a brush one or two coats of a breathable, easier to keep clean, decorative resin-paint, resistant to bacterial growth, such as Decor Paint by Kerakoll Spa, GreenBuilding Rating® 4, with a coverage of  $\approx 0.2$  l/m<sup>2</sup>. With permeability to water vapour class V2 (breathable) according to EN ISO 7783 standard, compliant with EN 15824 standard, resistant to bacterial growth (100%) according to ISO 15457, resistant to the development of bacteria according to ISO 22196, non-toxic according to EN 71-3 standard, suitable for the decoration of environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system, suitable for the covering of environments intended for food preparation, with excellent chemical resistance (class 5), stain-proof and resistant to detergents according to EN 12720 standard.*



## Wallcrete

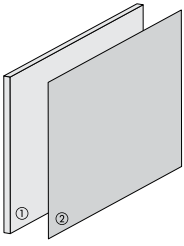


- ① Primer \*
- ② Wallcrete – 3 kg/m<sup>2</sup>
- ③ Decor Paint – 0.2 l/m<sup>2</sup>
- ④ Microresina® Xtreme Invisible – 0.12 l/m<sup>2</sup>

\* To be ordered separately according to the substrate

*Water-based resin covering with coloured trowelled material texture Wallcrete by Kerakoll Spa with overall thickness of  $\approx 2$  mm, suitable for the decoration of domestic and commercial interior environments, specific for the covering of bathrooms, showers and kitchens: made by first applying with a spreader three coats of a texturizing base finishing coat, such as Wallcrete by Kerakoll Spa, GreenBuilding Rating® 2, in a ratio of 3 kg/m<sup>2</sup>; then by applying with a roller two coats of a breathable, easier to keep clean, decorative resin-paint, resistant to bacterial growth, such as Decor Paint by Kerakoll Spa, GreenBuilding Rating® 4, with a coverage of  $\approx 0.2$  l/m<sup>2</sup>; and finally by subsequently applying with a roller or brush two coats of a transparent water-based micro-resin for continuous surface protection, such as Microresina® Xtreme Invisible by Kerakoll Spa, GreenBuilding Rating® 1, with a coverage of  $\approx 0.12$  l/m<sup>2</sup>. Water-resistant and waterproofing, W3 class according to ISO 1062-3, compliant with EN 15824 standard, non-toxic according to EN 71-3 standard, suitable for the decoration of environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system, suitable for the covering of environments intended for food preparation, with excellent chemical resistance (class 5), stain-proof and resistant to detergents according to EN 12720 standard.*

## Wallpaper®



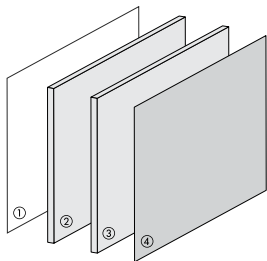
① Wallpaper® – 1.5 kg/m<sup>2</sup>

② Microresina® – 0.3 kg/m<sup>2</sup>

*Water-based resin covering with coloured superflat smooth finish Wallpaper® by Kerakoll Spa with overall thickness of  $\approx 1$  mm, suitable for the decoration of domestic and commercial interior environments, specific for the covering of bathrooms and kitchens: made by first applying with a spreader three coats of a superflat, base performance finishing coat, such as Wallpaper® by Kerakoll Spa, GreenBuilding Rating® 3, in a ratio of 1.5 kg/m<sup>2</sup>; and then by applying with a roller three coats of a coloured, water-based micro-resin with varnished matt finish, such as Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, with a coverage of  $\approx 0.3$  l/m<sup>2</sup>. Water-resistant and waterproofing, W3 class according to ISO 1062-3, with B-s1-d0 Class reaction to fire (EN 13501), compliant with EN 15824 standard, non-toxic according to EN 71-3 standard, suitable for the decoration of environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system, suitable for the covering of environments intended for food preparation, with excellent chemical resistance (class 5), stain-proof and resistant to detergents according to EN 12720 standard.*

## Wallpaper®

Specific cycle for shower interiors, ceramic tiles or plasters/renders

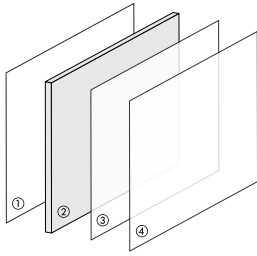


- ① Primer \*
- ② Wallcrete – 2 kg/m<sup>2</sup>
- ③ Wallpaper® – 1.5 kg/m<sup>2</sup>
- ④ Microresina® – 0.3 kg/m<sup>2</sup>

\* To be ordered separately according to the substrate

*Water-based resin covering with coloured superflat smooth finish Wallpaper® by Kerakoll Spa with overall thickness of  $\approx 2$  mm, suitable for the decoration of domestic and commercial interior environments, specific for the covering of showers: made by first applying with a spreader two coats of a texturizing base finishing coat, such as Wallcrete by Kerakoll Spa, GreenBuilding Rating® 2, in a ratio of 2 kg/m<sup>2</sup>; then by applying with a spreader three coats of a superflat, base performance finishing coat, such as Wallpaper® by Kerakoll Spa, GreenBuilding Rating® 3, in a ratio of 1.5 kg/m<sup>2</sup>; and finally by subsequently applying with a roller three coats of a coloured, water-based micro-resin with varnished matt finish, such as Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, with a coverage of  $\approx 0.3$  l/m<sup>2</sup>. Water-resistant and waterproofing, W3 class according to ISO 1062-3, compliant with EN 15824 standard, non-toxic according to EN 71-3 standard, suitable for the decoration of environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system, suitable for the covering of environments intended for food preparation, with excellent chemical resistance (class 5), stain-proof and resistant to detergents according to EN 12720 standard.*

## Patina®



- ① Primer \*
- ② Patina® – 3 kg/m<sup>2</sup>
- ③ Finish – 0.1 l/m<sup>2</sup>
- ④ Microresina® Xtreme Invisible – 0.18 l/m<sup>2</sup>

\* To be ordered separately according to the substrate

N.B. on ceramic tiles apply 2 kg/m<sup>2</sup> of Wallcrete finishing product

**Water-based resin covering with coloured “old-look” plaster texture and natural shaded finish Patina® by Kerakoll Spa with overall thickness of  $\approx 2$  mm, suitable for the decoration of domestic and commercial interior environments, specific for the covering of bathrooms, showers and kitchens: made by first applying with a spreader three coats of a coloured texturizing finishing coat, such as Patina® by Kerakoll Spa, GreenBuilding Rating® 3, in a ratio of 3 kg/m<sup>2</sup>; then by applying with a brush one coat of a protective water-based impregnating finish, such as Finish di Kerakoll Spa, GreenBuilding Rating® 4, with a coverage of  $\approx 0.1$  l/m<sup>2</sup>; and finally by subsequently applying with a roller or a brush three coats of a transparent water-based micro-resin for continuous surface protection, such as Microresina® Xtreme Invisible by Kerakoll Spa, GreenBuilding Rating® 1, with a coverage of  $\approx 0.18$  l/m<sup>2</sup>. Water-resistant and waterproofing, W3 class according to ISO 1062-3, compliant with EN 15824 standard, non-toxic according to EN 71-3 standard, suitable for the decoration of environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) requirements, suitable for the covering of environments intended for food preparation, with excellent chemical resistance (class 5), stain-proof and resistant to detergents according to EN 12720 standard.**

## Microresina®

### Doors, fixtures and furnishing accessories

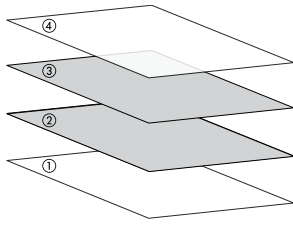
*Coloured, water-based micro-resin with varnished matt finish for the re-design of all types of furnishing accessories: made by applying by brush, roller or spray, three coats of an elastic, ultra-thin film, such as Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, with a coverage of  $\approx 0.3 \text{ l/m}^2$ . Highly protective against aggressive substances, stain-proof and resistant to detergents (class 5 - excellent -) according to EN 12720 standard, with excellent scratch resistance (2 kg - excellent -) according to ISO 1518, with excellent adhesion to iron, galvanized sheet metal, wood, and PVC, 100% according to DIN 53151/ISO 2409/ASTM D 3359, non-toxic according to EN 71-3 standard, suitable for the decoration of environments and playgrounds intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene, with a finishing compliant with Directive 2004/42/EC.*

## Microresina®

### Ceramic coverings

*Coloured, water-based micro-resin with varnished matt finish for the re-design of ceramic coverings: made by applying with a roller three coats of an elastic, ultra-thin film, such as Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, with a coverage of  $\approx 0.3 \text{ l/m}^2$ . Water-resistant and waterproofing, W3 class according to ISO 1062-3, highly protective against aggressive substances, stain-proof and resistant to detergents (class 5 - excellent-) according to EN 12720 standard, with excellent scratch resistance (2 kg - excellent -) according to ISO 1518, non-toxic according to EN 71-3 standard, suitable for the decoration of environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene, with a finishing compliant with Directive 2004/42/EC.*

## Microresina® Floor



④ Microresina® Xtreme – 0.12 l/m<sup>2</sup>

③ Microresina® – 0.1 kg/m<sup>2</sup>

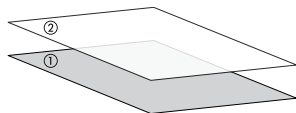
② Microresina® Zero – 0.2 kg/m<sup>2</sup>

① Keragrip Eco Pulep – 30 ml/m<sup>2</sup>

*Water-based ultra-thin film for the re-design of already existing floors in single and double-fired ceramics, porcelain tiles, glass mosaic, cotto, natural stone and marble floors, and cement floors, for internal floors and stairs: made by first applying with a mop an adhesion promoter, such as Keragrip Eco Pulep, GreenBuilding Rating® 2, in a ratio of 30 ml/m<sup>2</sup>; then by applying with a roller a coloured, water-based, base micro-resin, such as Microresina® Zero by Kerakoll Spa, GreenBuilding Rating® 2, with a coverage of 0.2 kg/m<sup>2</sup>; then by applying by roller a coloured, water-based, micro-resin with varnished matt finish, such as Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, with a coverage of  $\approx 0.1$  kg/m<sup>2</sup>; and finally by applying with a roller two coats of a transparent, water-based micro-resin for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, with a coverage of  $\approx 0,12$  l/m<sup>2</sup>. With Bfl-s1 class reaction to fire (EN 13501), with slip-resistant surface suitable for public environments (Class R9 according to DIN 51130), compliant with HACCP/EC 852/2004 system for food products hygiene.*

## Microresina® Parquet

### Oak hardwood floor re-design

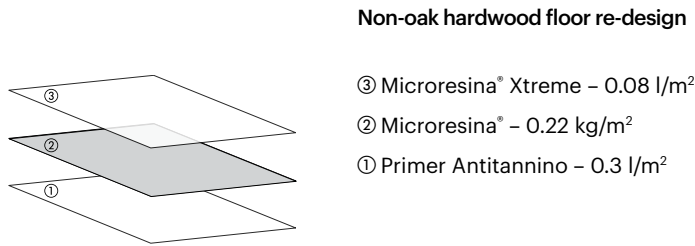


② Microresina® Xtreme – 0.08 l/m<sup>2</sup>

① Microresina® – 0.22 kg/m<sup>2</sup>

*Water-based ultra-thin film for the re-design of oak hardwood floors: made by applying with a roller two coats of coloured, water-based micro-resin, such as Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.22 \text{ kg/m}^2$ , and by subsequently applying with a roller a transparent, water-based micro-resin with matt finish for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.08 \text{ l/m}^2$ . With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene and excellent surface resistance to medium foot traffic ( $< 12.5 \text{ mg CS10/1 kg/1000 cycles}$ , according to ASTM D4060).*

## Microresina® Parquet

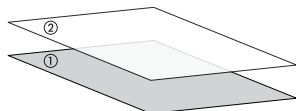


*Water-based ultra-thin film for the re-design of non-oak hardwood floors: made by applying with a roller three coats of a transparent, water-based insulating coat, such as Primer Antitannino by Kerakoll Spa, GreenBuilding Rating® 2, in a ratio of  $\approx 0.30$  l/m<sup>2</sup>; by subsequently applying with a roller two coats of a coloured, water-based micro-resin, such Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.22$  kg/m<sup>2</sup>; and by subsequently applying with a roller a transparent water-based micro-resin with matt finish for continuous surface protection, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.08$  l/m<sup>2</sup>. With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene and excellent surface resistance to medium foot traffic ( $< 12.5$  mg CS10/1 kg/1000 cycles, according to ASTM D4060).*



## Legno Nat

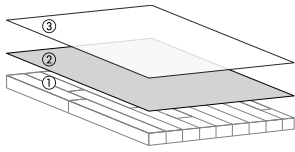
### Oak hardwood floor re-design



② Microresina® Xtreme – 0.24 l/m<sup>2</sup>

① Legno Nat Base – 0.1 l/m<sup>2</sup>

*Water-based ultra-thin film for the decoration of Legno+Color® floors and oak hardwood floors with natural effect: made by applying with a roller a single-component, water-based preparation coat, such as Legno Nat Base by Kerakoll, GreenBuilding Rating® 4, in a ratio of  $\approx 0.2$  l/m<sup>2</sup>, and by subsequently applying with a roller three coats of a transparent, water-based micro-resin for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.24$  l/m<sup>2</sup>. With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene, and excellent surface resistance to medium foot traffic ( $< 12.5$  mg CS10/1 kg/1000 cycles, according to ASTM D4060).*

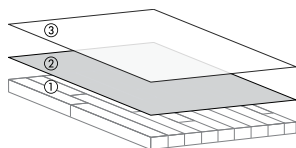
**Legno+Color® Small**③ Microresina® Xtreme – 0.08 l/m<sup>2</sup>② Microresina® – 0.22 kg/m<sup>2</sup>

① Legno Small

*Hardwood floors and/or wainscoting for internal application, such as Legno Small by Kerakoll Spa, in solid wood strips measuring 42x300x10 mm made from Slavonian Oak (Quercus Robur) with integrated tongue-and-groove made on 4 sides of every single strip, 50% of the elements with the tongue on the long right-hand side, and 50% on the long left-hand side, for carrying out Italian herringbone laying. Elements have all their side edges marked by a 0.3 mm deep, 45° angle chamfer, a pre-sanded, unfinished exposed surface complying with aesthetic class “Δ” according to UNI EN 13226 standard, and surface textured with handcrafted brushing and sawing operations. Technical characteristics in compliance with the requirements for CE Marking under standard UNI EN 14342. Grown in the European continental area, certified FSC® 100% and for which Kerakoll Spa implements the provisions envisaged by regulation No. 995/2010 EUTR through an adequate DDS system. Tested as class A+ for VOC emissions (CSTB method). To be fitted by means of even and continuous gluing using suitable Kerakoll adhesives. Absorbent, pre-sanded unfinished surface needing final finishing treatment to be carried out on site, such as Microresina® Parquet cycle, water-based ultra-thin film for the decoration of Legno+Color® floors: made by applying with a roller two coats of a coloured, water-based micro-resin, such as Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.22 \text{ kg/m}^2$ , and by subsequently applying with a roller of a transparent, water-based micro-resin with matt finish for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.08 \text{ l/m}^2$ . With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene and excellent surface resistance to medium foot traffic ( $< 12.5 \text{ mg CS10/1 kg/1000 cycles}$ , according to ASTM D4060).*

## Legno+Color® Small

### Cycle for heavy foot traffic environments

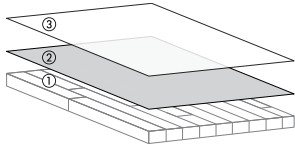


③ Microresina® Xtreme – 0.16 l/m<sup>2</sup>

② Microresina® – 0.22 kg/m<sup>2</sup>

① Legno Small

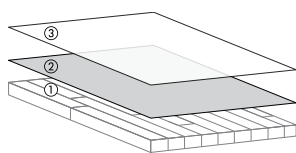
*Hardwood floors and/or wainscoting for internal application, such as Legno Small by Kerakoll Spa, in solid wood strips measuring 42x300x10 mm made from Slavonian Oak (Quercus Robur) with integrated tongue-and-groove made on 4 sides of every single strip, 50% of the elements with the tongue on the long right-hand side, and 50% on the long left-hand side, for carrying out Italian herringbone laying. Elements have all their side edges marked by a 0.3 mm deep, 45° angle chamfer, a pre-sanded, unfinished exposed surface complying with aesthetic class “Δ” according to UNI EN 13226 standard, and surface textured with handcrafted brushing and sawing operations. Technical characteristics in compliance with the requirements for CE Marking under standard UNI EN 14342. Grown in the European continental area, certified FSC® 100% and for which Kerakoll Spa implements the provisions envisaged by regulation No. 995/2010 EUTR through an adequate DDS system. Tested as class A+ for VOC emissions (CSTB method). To be fitted by means of even and continuous gluing using suitable Kerakoll adhesives. Absorbent, pre-sanded unfinished surface needing final finishing treatment to be carried out on site, such as Microresina® Parquet cycle, water-based ultra-thin film for the decoration of Legno+Color® floors: made by applying with a roller two coats of a coloured, water-based micro-resin, such as Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.22 \text{ kg/m}^2$ , and by subsequently applying with a roller two coats of a transparent, water-based micro-resin for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.16 \text{ l/m}^2$ . With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene and excellent surface resistance to medium foot traffic ( $< 12.5 \text{ mg CS10/1 kg/1000 cycles}$ , according to ASTM D4060).*

**Legno+Color® Small****Legno Nat**③ Microresina® Xtreme – 0.24 l/m<sup>2</sup>② Legno Nat Base – 0.1 l/m<sup>2</sup>

① Legno Small

*Hardwood floors and/or wainscoting for internal application, such as Legno Small by Kerakoll Spa, in solid wood strips measuring 42x300x10 mm made from Slavonian Oak (Quercus Robur) with integrated tongue-and-groove made on 4 sides of every single strip, 50% of the elements with the tongue on the long right-hand side, and 50% on the long left-hand side, for carrying out Italian herringbone laying. Elements have all their side edges marked by a 0.3 mm deep, 45° angle chamfer, a pre-sanded, unfinished exposed surface complying with aesthetic class “Δ” according to UNI EN 13226 standard, and surface textured with handcrafted brushing and sawing operations.*

*Technical characteristics in compliance with the requirements for CE Marking under standard UNI EN 14342. Grown in the European continental area, certified FSC® 100% and for which Kerakoll Spa implements the provisions envisaged by regulation No. 995/2010 EUTR through an adequate DDS system. Tested as class A+ for VOC emissions (CSTB method). To be fitted by means of even and continuous gluing using suitable Kerakoll adhesives. Absorbent, pre-sanded unfinished surface needing final finishing treatment to be carried out on site, such as Microresina® Parquet Legno Nat cycle, water-based ultra-thin film for the decoration of Legno+Color® floors with natural effect: made by applying with a roller a single-component, water-based preparation coat, such as Legno Nat Base by Kerakoll, GreenBuilding Rating® 4, in a ratio of  $\approx 0.1$  l/m<sup>2</sup> and by subsequently applying with a roller three coats of a transparent, water-based micro-resin with matt finish for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.24$  l/m<sup>2</sup>. With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene and excellent surface resistance to medium foot traffic ( $< 12.5$  mg CS10/1 kg/1000 cycles, according to ASTM D4060).*

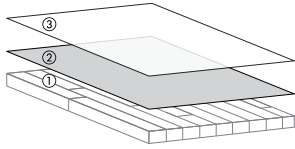
**Legno+Color® Medium**③ Microresina® Xtreme – 0.08 l/m<sup>2</sup>② Microresina® – 0.22 kg/m<sup>2</sup>

① Legno Medium

*Hardwood floors and/or wainscoting for internal application, such as Legno Medium by Kerakoll Spa, in solid wood strips measuring 50x400x10 mm made from Slavonian Oak (Quercus Robur) with integrated tongue-and-groove made on 4 sides of every single strip. Elements have all their side edges marked by a 0.3 mm deep, 45° angle chamfer, a pre-sanded, unfinished exposed surface complying with aesthetic class “Δ” according to UNI EN 13226 standard, and surface textured with handcrafted brushing and sawing operations. Technical characteristics in compliance with the requirements for CE Marking under standard UNI EN 14342. Grown in the European continental area, certified FSC® 100% and for which Kerakoll Spa implements the provisions envisaged by regulation No. 995/2010 EUTR through an adequate DDS system. To be fitted by means of even and continuous gluing using suitable Kerakoll adhesives. Absorbent, pre-sanded unfinished surface needing final finishing treatment to be carried out on site, such as Microresina® Parquet: made by applying with a roller two coats of a coloured, water-based micro-resin, such as Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.22$  kg/m<sup>2</sup>, and by subsequently applying with a roller a transparent, water-based micro-resin with matt finish for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.08$  l/m<sup>2</sup>. With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene and excellent surface resistance to medium foot traffic (< 12.5 mg CS10/1 kg/1000 cycles, according to ASTM D4060).*

**Legno+Color® Medium**

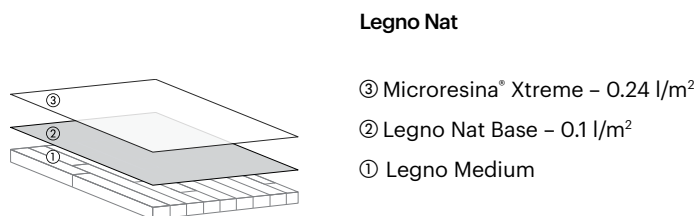
Cycle for heavy foot traffic environments

③ Microresina® Xtreme – 0.16 l/m<sup>2</sup>② Microresina® – 0.22 kg/m<sup>2</sup>

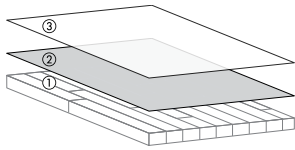
① Legno Medium

**Hardwood floors and/or wainscoting for internal application, such as Legno Medium by Kerakoll Spa, in solid wood strips measuring 50x400x10 mm made from Slavonian Oak (*Quercus Robur*) with integrated tongue-and-groove made on 4 sides of every single strip. Elements have all their side edges marked by a 0.3 mm deep, 45° angle chamfer, a pre-sanded, unfinished exposed surface complying with aesthetic class “Δ” according to UNI EN 13226 standard, and surface textured with handcrafted brushing and sawing operations. Technical characteristics in compliance with the requirements for CE Marking under standard UNI EN 14342. Grown in the European continental area, certified FSC® 100% and for which Kerakoll Spa implements the provisions envisaged by regulation No. 995/2010 EUTR through an adequate DDS system. To be fitted by means of even and continuous gluing using suitable Kerakoll adhesives. Absorbent, pre-sanded unfinished surface needing final finishing treatment to be carried out on site, such as Microresina® Parquet cycle: made by applying with a roller two coats of a coloured, water-based micro-resin, such as Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.22 \text{ kg/m}^2$ , and by subsequently applying with a roller two coats of a transparent, water-based micro-resin with opaque matt for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.16 \text{ l/m}^2$ . With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene, and excellent surface resistance to foot traffic.**

## Legno+Color® Medium



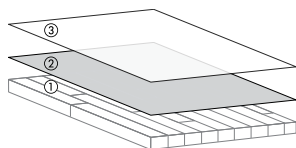
*Hardwood floors and/or wainscoting for internal application, such as Legno Medium by Kerakoll Spa, in solid wood strips measuring 50x400x10 mm made from Slavonian Oak (Quercus Robur) with integrated tongue-and-groove made on 4 sides of every single strip. Elements have all their side edges marked by a 0.3 mm deep, 45° angle chamfer, a pre-sanded, unfinished exposed surface complying with aesthetic class “Δ” according to UNI EN 13226 standard, and surface textured with handcrafted brushing and sawing operations. Technical characteristics in compliance with the requirements for CE Marking under standard UNI EN 14342. Grown in the European continental area, certified FSC® 100% and for which Kerakoll Spa implements the provisions envisaged by regulation No. 995/2010 EUTR through an adequate DDS system. To be fitted by means of even and continuous gluing using suitable Kerakoll adhesives. Absorbent, pre-sanded unfinished surface needing final finishing treatment to be carried out on site, such as Microresina® Parquet Legno Nat cycle, water-based ultra-thin film for the decoration of Legno+Color® floors with natural effect: made by applying with a roller a single component, water-based preparation coat, such as Legno Nat Base by Kerakoll, GreenBuilding Rating® 4, in a ratio of  $\approx 0.1$  l/m<sup>2</sup> and by subsequently applying with a roller three coats of a transparent, water-based micro-resin with matt finish for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.24$  l/m<sup>2</sup>. With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene and excellent surface resistance to medium foot traffic (< 12.5 mg CS10/1 kg/1000 cycles, according to ASTM D4060).*

**Legno+Color® Large**③ Microresina® Xtreme – 0.08 l/m<sup>2</sup>② Microresina® – 0.22 kg/m<sup>2</sup>

① Legno Large

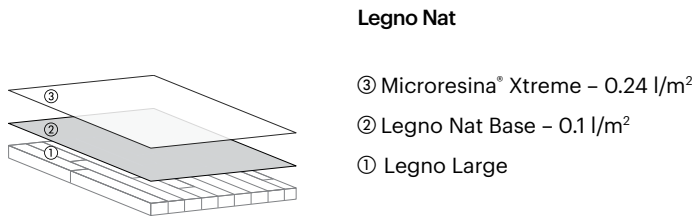
*Hardwood floors and/or paneling for internal applications such as Legno Large by Kerakoll Spa, two-layer elements measuring 70x1,250x10 mm, pre-assembled with high-resistant, non-harmful adhesive, consisting of a single strip surface veneer in Oak (Quercus Robur) nominal thickness 4 mm and support in birch plywood with crossed transversal fibres, cut with grooving for elevated stability of the product, with integrated tongue-and-groove made on 4 sides of every single element. Elements with long side edges marked by a 0.5 mm deep, 45° angle chamfer and with the heads cut off with a sharp edge, with a pre-sanded, unfinished exposed surface complying with aesthetic class “O” according to UNI EN 13226 standard, textured with handcrafted surface polishing, sawing and no. 3 scrapings (at right angles on 100% of the material, left diagonal and right diagonal on 10% of the material). Technical characteristics in compliance with the requirements for CE Marking under standard UNI EN 14342. Timber grown in the European continental area, for which Kerakoll Spa implements the provisions envisaged by regulation No. 995/2010 EUTR through an adequate DDS system. To be fitted by means of even and continuous gluing using suitable Kerakoll adhesives. Absorbent, pre-sanded unfinished surface needing final finishing treatment to be carried out on site, such as Microresina® Parquet: made by applying with a roller two coats of a coloured, water-based micro-resin, such as Microresina® by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.22 \text{ kg/m}^2$ , and by subsequently applying with a roller a transparent, water-based micro-resin with matt finish for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.08 \text{ l/m}^2$ . With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene and excellent surface resistance to medium foot traffic ( $< 12.5 \text{ mg CS10/1 kg/1000 cycles}$ , according to ASTM D4060).*



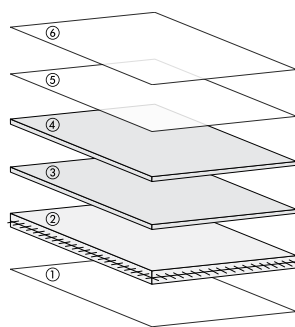
**Legno+Color® Large****Cycle for heavy foot traffic environments**③ Microresina® Xtreme – 0.16 l/m<sup>2</sup>② Microresina® – 0.22 kg/m<sup>2</sup>

① Legno Large

*Hardwood floors and/or paneling for internal applications such as Legno Large by Kerakoll Spa, two-layer elements measuring 70x1,250x10 mm, pre-assembled with high-resistant, non-harmful adhesive, consisting of a single strip surface veneer in Oak (Quercus Robur) nominal thickness 4 mm and support in birch plywood with crossed transversal fibres, cut with grooving for elevated stability of the product, with integrated tongue-and-groove made on 4 sides of every single element. Elements with long side edges marked by a 0.5 mm deep, 45° angle chamfer and with the heads cut off with a sharp edge, with a pre-sanded, unfinished exposed surface complying with aesthetic class “O” according to UNI EN 13226 standard, textured with handcrafted surface polishing, sawing and no. 3 scrapings (at right angles on 100% of the material, left diagonal and right diagonal on 10% of the material). Technical characteristics in compliance with the requirements for CE Marking under standard UNI EN 14342. Timber grown in the European continental area, for which Kerakoll Spa implements the provisions envisaged by regulation No. 995/2010 EUTR through an adequate DDS system. To be fitted by means of even and continuous gluing using suitable Kerakoll adhesives. Absorbent, pre-sanded unfinished surface needing final finishing treatment to be carried out on site, such as Microresina® Parquet: made by applying with a roller two coats of a coloured, water-based micro-resin, such as Microresina® di Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.22 \text{ kg/m}^2$ , and by subsequently applying with a roller two coats of a transparent, water-based micro-resin with matt finish for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.16 \text{ l/m}^2$ . With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene and excellent surface resistance to medium foot traffic ( $< 12.5 \text{ mg CS10/1 kg/1000 cycles}$ , according to ASTM D4060).*

**Legno+Color® Large**

*Hardwood floors and/or paneling for internal applications such as Legno Large by Kerakoll Spa, two-layer elements measuring 70x1,250x10 mm, pre-assembled with high-resistant, non-harmful adhesive, consisting of a single strip surface veneer in Oak (Quercus Robur) nominal thickness 4 mm and support in birch plywood with crossed transversal fibres, cut with grooving for elevated stability of the product, with integrated tongue-and-groove made on 4 sides of every single element. Elements with long side edges marked by a 0.5 mm deep, 45° angle chamfer and with the heads cut off with a sharp edge, with a pre-sanded, unfinished exposed surface complying with aesthetic class “O” according to UNI EN 13226 standard, textured with handcrafted surface polishing, sawing and no. 3 scrapings (at right angles on 100% of the material, left diagonal and right diagonal on 10% of the material). Technical characteristics in compliance with the requirements for CE Marking under standard UNI EN 14342. Timber grown in the European continental area, for which Kerakoll Spa implements the provisions envisaged by regulation No. 995/2010 EUTR through an adequate DDS system. To be fitted by means of even and continuous gluing using suitable Kerakoll adhesives. Absorbent, pre-sanded unfinished surface needing final finishing treatment to be carried out on site, such as Microresina® Parquet Legno Nat, water-based ultra-thin film for the decoration of Legno+Color® floors with natural effect: made by applying with a roller a single-component, water-based preparation coat, such as Legno Nat Base by Kerakoll, GreenBuilding Rating® 4, in a ratio of  $\approx 0.1$  l/m<sup>2</sup>, and by subsequently applying with a roller three coats of a transparent, water-based micro-resin with matt finish for the protection of continuous surfaces, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.24$  l/m<sup>2</sup>. With high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance - class 5, excellent - (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene and excellent surface resistance to medium foot traffic ( $< 12.5$  mg CS10/1 kg/1000 cycles, according to ASTM D4060).*

**Cementoresina®**⑥ Microresina® Xtreme – 0.12 l/m<sup>2</sup>⑤ Cementoresina® Gel – 90 g/m<sup>2</sup>④ Cementoresina® 2 – 0.5 kg/m<sup>2</sup>③ Cementoresina® 1 – 0.75 kg/m<sup>2</sup>② Floorzero® + Net 90 – 2.5 kg/m<sup>2</sup>

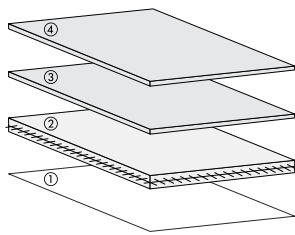
① Primer \*

\* To be ordered separately according to the substrate

**High performance, natural finish Cementoresina® resin floor with trowelled texture, in coloured paste form, with overall thickness of  $\approx 3$  mm, suitable for use in domestic and commercial interior environments, for internal application on floors, stairs or shower trays: made by first laying over the surface the 4x5 mm mesh alkali-resistant glass-fibre Net 90 reinforcing mesh by Kerakoll Spa; then by subsequently applying with a spreader an innovative polymer matrix composite structural base finishing product, such as Floorzero® by Kerakoll Spa, GreenBuilding Rating® 3, with guaranteed elasticity of  $\geq 6.6\%$  according to ISO 527-2, free from shrinkage and dimensionally stable according to UNI EN 12617-1:2004, suitable for heated substrates according to EN 1903 standard, tough and performing with  $> 3$  N/mm<sup>2</sup> guaranteed adhesion compliant to EN 13892-8 standard and lowering tension and shock, applied on a previously prepared, dimensionally stable and permanently dry substrate using a smooth spreader completely covering the Net 90 mesh, respecting the coverage of  $\approx 2.5$  kg/m<sup>2</sup>. Subsequent dusting until saturated on Floorzero® product while still wet with calibrated mineral quartz with controlled grain size, such as Quarzo 1.3 by Kerakoll Spa, respecting the coverage of  $\approx 2$  kg/m<sup>2</sup>.**

**Subsequent application of a stress dividing, coloured base finishing product, such as Cementoresina® 1 by Kerakoll Spa, GreenBuilding Rating® 2, in a ratio of 0.75 kg/m<sup>2</sup>; subsequent application with a spreader of a coloured decorative finishing product defining the decorative trowelled texture, such as Cementoresina® 2 by Kerakoll Spa, GreenBuilding Rating® 2, in a ratio of 0.5 kg/m<sup>2</sup>; subsequent application with a transparent spreader, such as Trowel 3 by Kerakoll Spa, of a transparent gel in order to guarantee total cleanability of the surfaces and preventing bacterial growth, defining a protective sealing layer, such as Cementoresina® Gel by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of 90 g/m<sup>2</sup>; and application with a roller of two coats of a protective, transparent micro-resin with matt finish, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.12$  l/m<sup>2</sup>.**

**CE-marked, compliant to EN13813 standard, water-resistant and waterproofing, W3 class according to ISO 1062-3, with very low VOC emissions (TVOC 3 days  $\leq 0.03$  mg/m<sup>3</sup>, TVOC 28 days  $\leq 0.02$  mg/m<sup>3</sup>, compliant with protocol AgBB1, EN ISO 16000), with Bfl-s1 Class reaction to fire (EN 13501), with slip-resistant surface suitable for public environments (Class R9 according to DIN 51130), with high resistance to bacterial growth (according to ISO 22196), with impact noise damping of 6.6 dB (according to EN 10140-3 standard), with thermal conductivity RT  $< 0.0075$  m<sup>2</sup> K/W, chemical and stain resistance (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) system for food products hygiene, colour resistance with GSC4 index (according to ISO 105-A02), tear strength  $\geq 2.0$  N/mm<sup>2</sup> (according to EN 13892-8 standard), suitable for underfloor heating systems (according to EN 1903 standard), surface hardness (Shore D  $\geq 82$ , according to ASTM D2240), maximum impact resistance (Class 3  $\geq$  IR20 according to ISO 6272-1) and excellent surface resistance to heavy foot traffic ( $< 25$  mg CS10/1 kg/1000 cycles, according to ASTM D4060).**

**Cementoresina® R11**

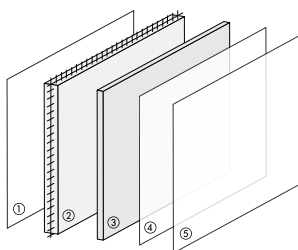
- ④ Cementoresina® 2 – 0.5 kg/m<sup>2</sup>
- ③ Cementoresina® 1 – 0.75 kg/m<sup>2</sup>
- ② Floorzero® + Net 90 \* – 2.5 kg/m<sup>2</sup>
- ① Primer \*

\* To be ordered separately according to the substrate

**High performance, high grip Cementoresina® R11 resin floor with trowelled texture in coloured paste form, with overall thickness of  $\approx 2$  mm, suitable for use in domestic and commercial interior environments, for anti-skid internal application on floors or shower trays: made by first laying over the surface the 4x5 mm mesh alkali-resistant glass-fibre Net 90 reinforcing mesh by Kerakoll Spa; then by subsequently applying with a spreader an innovative polymer matrix composite structural base finishing product, such as Floorzero® by Kerakoll Spa, GreenBuilding Rating® 3, with guaranteed elasticity of  $\geq 6.6\%$  according to ISO 527-2, free from shrinkage and dimensionally stable according to UNI EN 12617-1:2004, suitable for heated substrates according to EN 1903 standard, tough and performing with  $> 3$  N/mm<sup>2</sup> guaranteed adhesion compliant to EN 13892-8 standard and lowering tension and shock, applied on a previously prepared, dimensionally stable and permanently dry substrate using a smooth spreader completely covering the Net 90 mesh, respecting the coverage of  $\approx 2.5$  kg/m<sup>2</sup>. Subsequent dusting until saturated on Floorzero® product while still wet with calibrated mineral quartz with controlled grain size, such as Quarzo 1.3 by Kerakoll Spa, respecting the coverage of  $\approx 2$  kg/m<sup>2</sup>. Subsequent application of a stress dividing, coloured base finishing product, such as Cementoresina® 1 by Kerakoll Spa, GreenBuilding Rating® 2, in a ratio of 0.75 kg/m<sup>2</sup>; subsequent application with a spreader of a coloured decorative finishing product defining the decorative trowelled texture, such as Cementoresina® 2 by Kerakoll Spa, GreenBuilding Rating® 2, in a ratio of 0.5 kg/m<sup>2</sup>.**

**CE-marked, compliant to EN13813 standard, water-resistant and waterproofing, W3 class according to ISO 1062-3, with very low VOC emissions (TVOC  $\leq 3$  days 0.03 mg/m<sup>3</sup>, TVOC 28 days  $\leq 0.02$  mg/m<sup>3</sup>, compliant with protocol AgBB1, ISO 16000), with slip-resistant surface suitable for public environments (Class R11 according to DIN 51130) suitable for barefoot foot traffic and elevated presence of water (Class B according to DIN 51097 standard), chemical and stain resistance (according to EN12720 standard), colour resistance with GSC4 index (according to ISO 105-A02), tear strength  $\geq 2.0$  N/mm<sup>2</sup> (according to EN 13892-8 standard), suitable for underfloor heating systems (according to EN 1903 standard), surface hardness (Shore D  $\geq 82$ , according to ASTM D2240), impact resistance (Class 3  $\geq$  IR20 according to ISO 6272-2).**

## Cementoresina® Wall



- ① Primer \*
- ② Wallzero + Net 90 – 3.4 kg/m<sup>2</sup>
- ③ Cementoresina® Wall – 1.2 kg/m<sup>2</sup>
- ④ Cementoresina® Gel – 90 g/m<sup>2</sup>
- ⑤ Microresina® Xtreme – 0.12 l/m<sup>2</sup>

\* To be ordered separately according to the substrate

*High performance, natural finish Cementoresina® resin covering with trowelled texture, in coloured paste form, with overall thickness of  $\approx 3$  mm, suitable for use in domestic and commercial interior environments, in internal applications for the covering of showers, Turkish baths, bathtubs, shelves, washbasin counters and other architectural elements: made by applying with a spreader two coats of an innovative mineral matrix composite, structural base finishing product, such as Wallzero by Kerakoll Spa, GreenBuilding Rating® 3, in a ratio of 3.42 kg/m<sup>2</sup>, in which a 4x5 mm Net 90 alkali resistant reinforcing mesh by Kerakoll Spa is embedded, applied on a previously prepared, dimensionally stable and permanently dry substrate.*

*Subsequent application with a spreader of two coats of a coloured finishing product for vertical coverings, defining both the decorative structure and texture, such as Cementoresina® Wall by Kerakoll Spa, GreenBuilding Rating® 2, in a ratio of  $\approx 1.2$  kg/m<sup>2</sup>; subsequent application with a transparent spreader, such as Trowel 3 by Kerakoll Spa, of a transparent gel in order to guarantee total cleanability of the surfaces and preventing bacterial growth, defining a protective sealing layer, such as Cementoresina® Gel by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of 90 g/m<sup>2</sup>; and application with a roller of two coats of a protective, transparent micro-resin with matt finish, such as Microresina® Xtreme by Kerakoll Spa, GreenBuilding Rating® 1, in a ratio of  $\approx 0.12$  l/m<sup>2</sup>. Water-resistant and waterproofing, W3 class according to ISO 1062-3, with very low VOC emissions (TVOC 3 days  $\leq 0.03$  mg/m<sup>3</sup>, TVOC 28 days  $\leq 0.02$  mg/m<sup>3</sup>, compliant with AgBB1 protocol, EN ISO 16000), with high resistance to bacterial growth (according to ISO 22196), chemical and stain resistance (according to EN 12720 standard), non-toxic according to EN 71-3 standard, suitable for environments intended for children, compliant with UNI 11021:2002 (HACCP D.L. 193/2007) requirements for food products hygiene, colour resistance with GSC4 index (according to ISO 105-A02).*

## Outdoor Paint

*Protection and decoration of internal and external surfaces: made by applying by brush, roller or spray, a high colour resistance, decorative water-based paint for external use with natural finish, for an unparalleled protection of the building from atmospheric agents. The Outdoor Paint-type finishing coat, made with light-resistant pigments and siloxane binders dispersed in water solution, creates highly breathable and protective decorations against pollution, mould, algae and fungi. Outdoor Paint by Kerakoll Spa, GreenBuilding Rating® 2. Wash resistance to > 10,000 cycles according to UNI 10560, with permeability to water vapour class V1 (High) according to EN ISO 7783-2, with permeability to excess water class W3 (low) according to EN1062-3.*

## Outdoor Plaster

*Protection and decoration of internal and external surfaces and of thermal insulation panelling systems: made by first applying with a steel float and then finishing with a plastic spreader, a resin covering with a 1.5 mm grain size for external use with high colour resistance, material texture in coloured paste form. Compact-effect, fibrous, mineral covering based on acrylic resins and hydrophobic siloxanes, providing high protection from atmospheric agents, pollution, bacteria, fungi and algae, such as Outdoor Plaster by Kerakoll Spa, GreenBuilding Rating® 4, compliant with the performance requirements of Standard EN 15824. Permeability to water vapour class V2 (medium) under EN ISO 7783-2. Permeability to liquid water class W3 (low) under EN 1062-3. Adhesion  $\geq 0.3$  MPa under EN 1542. Thermal conductivity ( $\lambda$ ) 1,20 W/(m K) under EN 1745:2002. Outdoor Plaster will be applied in a ratio of  $\approx 2.4$  kg/m<sup>2</sup> per single coat, with B-s2, d0 Class Reaction to fire according to EN 13501-1 standard.*

Kerakoll Spa  
via dell'Artigianato 9  
41049 Sassuolo (MO) Italy  
T +39 0536 816 511  
[info@kerakoll.com](mailto:info@kerakoll.com)

Kerakoll Brera Studio  
via Solferino 16  
20121 Milano (MI) Italy  
T +39 02 620 867 81

**kerakoll**  
**the greenbuilding**  
**company**