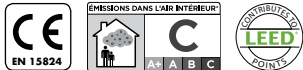


Kerakover Eco Acrilex Flex 1,0



Eco-friendly, organic, mineral, elastomeric resin paint that is flexible and resistant to algae and atmospheric agents, ideal for use in GreenBuilding. Safeguards the health of both operators and the environment.

Kerakover Eco Acrilex Flex 1,0 eliminates micro-cracks guaranteeing excellent elasticity. Excellent workability and quality finishes. Resistant to attack from atmospheric and biodeteriorating agents. Grain guide 1.0 mm. Internal, external.



GREENBUILDING RATING®

Kerakover Eco Acrilex Flex 1,0
 - Category: Organic Mineral Products
 - Class: Mineral paint coats and coverings - Acrylic range
 - Rating*: Eco 3

* Rating based on average colour formulations

| | | | | | |
|--|-----------------------------|--|--|--------------------------------|-----------------------------|
| | | | | | |
| | Natural mineral content 62% | | | No environmental hazard rating | Non-toxic and non-hazardous |

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- Eliminates micro-cracks
- Excellent elasticity
- Excellent spreadability and slide
- Resistant to attack from mould, algae and fungi

ECO NOTES

- Formulated with locally-sourced minerals meaning lower greenhouse gas emission during transportation
- Improved on-site safety guaranteed

AREAS OF USE

Use
 Protective decoration of:
 - front sections of balconies and cornices
 - facades of residential, commercial and industrial buildings
 - cement-lime mortar renders or equivalents

Elastic coating of:
 - brickwork with renders weakened by micro-fractures
 - smoothed thermal insulation panelling systems
 - substrates with synthetic or mineral finishes, that are anchored and stable

For internal and external use

Do not use
 For the containment or continuous contact with water.
 In the presence of capillary rising damp.

INSTRUCTIONS FOR USE

Preparation of substrates
 Surfaces to be treated must be perfectly cleaned by removing all weakened parts, any layers of old paint which have begun to become detached, dust and traces of parting compound. In the presence of moss, lichen and algae deposits, treat the surface beforehand with Kerakover Eco Activ then wash with a high-pressure washer 24 hours later. Cleaning must be carried out with wire brushes and scrapers, until patching layers which are non-cohesive with the substrate to be painted have been totally eliminated. Better results can be obtained with sandblasting, hydro-sanding or cleaning with a high-pressure washer. On old or new surfaces, always apply one or two coats of water-based Kerakover Eco Acrilex Primer to improve surface adhesion or solvent-based Kerakover Eco Acrilex Consolidante for the deep consolidation of substrates. Kerakover Eco Acrilex Primer may be coloured by adding up to 20% of Kerakover Eco Acrilex Flex to obtain a coloured base before application of Kerakover Eco Acrilex Flex 1,0 elastomeric renders.

Preparation
 Kerakover Eco Acrilex Flex 1,0 is ready-to-use. Always remix the product before application.

* ÉMISSION DANS L'AIR INTÉRIEUR Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

INSTRUCTIONS FOR USE

Application

Kerakover Eco Acriflex Flex 1,0 must be applied using a steel float in one or more coats on supports that are completely dry or with a residual humidity of not more than 6%, and must be finished using a plastic float.

Conditions required for decorating are ambient and substrate temperatures between +5 °C and +30 °C and relative humidity lower than 80%. The product must be applied after the render has been cured for approximately 4 – 5 weeks.

If application in several layers is necessary, wait for a minimum of 12 hours between subsequent layers, or make sure that the film has dried completely.

Do not apply when the substrate is directly exposed to sunlight. After application, external surfaces must be protected from rain and humidity for 48 hours.

In cases where different lots of coloured product are used, or when completing a job in which a tintometer has been used, it is advisable to mix the various quantities together so as to avoid slight differences in tone.

Always restart application from a corner.

Cleaning

Residual traces of Kerakover Eco Acriflex Flex 1,0 can be removed from tools using water before the product hardens.

SPECIAL NOTES

The colour chart is provided as a general indication only.

We therefore recommend testing the product onsite to check the exact colour and coverage that will be obtained.

For bright or intense shades, always evaluate their sensitivity to ultraviolet light, as indicated in the reference colour chart and in our GreenDesign software. This information is also provided in the documentation enclosed with the product samples, or in the documentation produced by the colour measurement department when sending the formulations requested.

ABSTRACT

Kerakover Eco Acriflex Flex 1,0 by Kerakoll Spa ensures the protection and flexible decoration of internal and external surfaces with a high coverage, mineral coating using water-based elastomeric resins that provide a high level of elasticity and protection from atmospheric agents, pollution, bacteria, fungi and algae. Apply using a steel float and finish with a plastic float. Compliant with the performance requirements of Standard CSN EN 15824, GreenBuilding Rating® Eco 3. Permeability to water vapour class V2 (medium) under EN ISO 7783-2. Permeability to liquid water class W3 (low) under EN 1062-3. Adhesion ≥ 0.3 MPa under EN 1542. Thermal conductivity (λ) 0.83 W/mK under EN 1745:2002.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

| | |
|---------------------------------------|---|
| Appearance | white or coloured paste |
| Volumetric mass | $\approx 1,7$ kg/L |
| Chemical nature | Elastomeric acrylic resin |
| Shelf life | ≈ 18 months in the original packaging |
| Warning | Protect from frost, avoid direct exposure to sunlight and sources of heat |
| Pack | 25 kg buckets |
| Temperature range for application | from +5 °C to +30 °C |
| Humidity of the substrate | $\leq 6\%$ |
| Waiting time between subsequent coats | ≥ 12 hrs |
| Maximum thickness per layer | $\approx 1,0$ mm |
| Coverage per single coat | $\approx 1,8$ kg/m ² |

Values taken at +20 °C, 65% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

PERFORMANCE

HIGH-TECH

| | | |
|--------------------------------------|---|---------------|
| Permeability to water vapour | class V2 (medium) | EN ISO 7783-2 |
| Permeability to water in liquid form | class W3 (low) | EN 1062-3 |
| Respects the Kuenzle theory | $w < 0,5$ kg /m ² ·h ^{0,5} – S _D < 2 m | DIN 18550 |
| Adhesion | $\geq 0,3$ MPa | EN 1542 |
| Thermal conductivity (λ) | 0,83 W/mK | EN 1745:2002 |

WARNING

- **Product for professional use**
- abide by any standards and national regulations
- use at temperatures between +5 °C and +30 °C
- make sure the substrate is not frozen
- protect surfaces from direct sunlight and wind
- do not add binders or additives
- protect all painted surfaces from rain and strong humidity during the first 48 hours following application
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - globalservice@kerakoll.com

The Eco and Bio classifications refer to the GreenBuilding Rating® Manual 2013. This information was last updated in November 2013 (ref. GBR Data Report - 12.13); please note that additions and/or amendments 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. The technical data sheet given here is based on our technical and practical knowledge. As it is not possible for us to directly check the conditions in your building yards and the execution of the work, this information represents general indications that do not bind Kerakoll in any way. Therefore, it is advisable to perform a preliminary test to verify the suitability of the product for your purposes.

Kerakoll
Quality
System

ISO 9001
CERTIFIED

KERAKOLL
The GreenBuilding Company

KERAKOLL S.p.a.
Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italy
Tel +39 0536 816 511 - Fax +39 0536 816 581
info@kerakoll.com - www.kerakoll.com