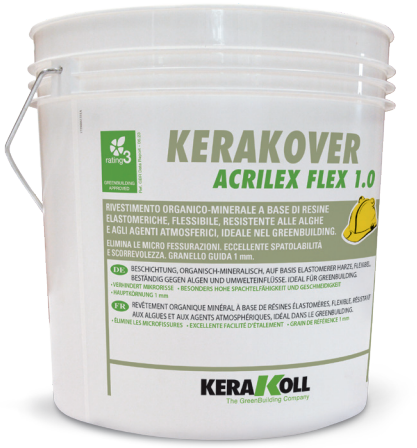
Kerakover Acrilex Flex 1,0

Eco-friendly, organic, mineral, elastomeric resin paint that is flexible and resistant to algae and atmospheric agents.

Kerakover 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.



1. Eliminates micro-cracks
2. Excellent elasticity
3. Excellent spreadability and slide
4. Resistant to attack from mould, algae and fungi

GREENBUILDING RATING
REF. GBR DATA REPORT 06.23
APPROVED

Rating 3

- ✓ Regional Mineral ≥ 30%
- × VOC Low Emission
- ✓ Solvent ≤ 5 g/kg
- × Low Ecological Impact
- ✓ Health Care

Rating based on average colour formulations

kerakoll

Areas of application

→ 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

Suitable for the creation of reinforced finishing coats on micro-cracked plasters, subject to the insertion of Rinforzo V 50 alkali-resistant fibreglass mesh in the first layer.
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 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 and new powdery substrates, always apply one or two coats of water-based Kerakover Acrilex Primer to improve surface adhesion or solvent-based Kerakover 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.
For the treatment of substrates other than those mentioned and for additional information on the types of intervention to be carried out, we recommend to consult Kerakoll's Guide to decorating and preparing substrates.

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

→ Application
Kerakover Acrilex 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.
The product must be applied with a stainless-steel spreader or trowel and finished with a plastic spreader. Iron spreaders may release traces of metal; over time and in case of bad weather, they may show signs of oxidation on the facade, altering the aesthetic appearance of the decorated surfaces.
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 moisture for 48 hours.
Always restart application from a corner.
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.

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

Special notes

→ The colours shown in the sample charts are indicative and not binding. We therefore recommend testing the product onsite to check the exact colour and coverage that will be obtained.
→ Clean and wash carefully the scaffolding boards, and eliminate any trace of surface dirt before applying the coloured covering. In case of wind or rain, dust, traces of ferrous metals or residues from the building site may be projected onto the still fresh decorated surface and stain it; stains can no longer be removed after the fine plaster has dried.
→ 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.
→ High environmental humidity, condensation and roughness of the support can favour the deposit of dust, spores and other sources of nourishment; they may generate the surface growth of micro-organisms.
→ External decorative coverings are made of binders, pigments and mineral fillers, used to achieve the aesthetic appearance and texture of the product. During application of dark colours, the force of application may lead to breaking or crushing of inert materials that will show within the product, as their oroginal colour. Should such imperfections appear, they may be treated by applying a paint of the same colour and characteristics as the chosen covering. Note once dark colours are completely dry, a blackboard effect may occur when rubbing the surface with hands and/or fingers.
→ In misty conditions and when the substrate presents a high degree of environmental moisture, yellowish/transparent, slightly shiny and sticky droplets could form after application of the product; they are caused by the water-soluble surfactants present in the product. This phenomenon can be eliminated by washing the walls or simply waiting for repeated rain. The characteristics of the film and the degree of protection are not altered by this phenomenon. Should a further application of the product be carried out, it will be necessary to thoroughly wash the walls, and apply a preventive coat of Kerakover Acrilex Fondo. This phenomenon does not occur in stable climatic conditions.

Certificates and marks

CE EN 15824

ÉMISSIONS DANS L'AIR INTÉRIEUR* C A+ A B C

** 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).*

Abstract

Kerakover Acrilex 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 EN 15824, GreenBuilding Rating 4. 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) 0.85 W/(m K) under EN 1745:2002.

Technical Data compliant with Kerakoll Quality Standard	
Appearance	white or coloured paste
Volumetric mass	≈ 1.7 kg/l
Chemical nature	Elastomeric acrylic resin
Shelf life	≈ 18 months from production in the original sealed 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	≤ 6%
Waiting time between subsequent coats	≥ 12 hrs
Maximum thickness per layer	≈ 1.0 mm
Coverage per single coat	≈ 1.8 kg/m²

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 7783
Permeability to water in liquid form	class W3 (low)	EN 1062-3
Respects the Kuenzle theory	w < 0.5 kg /m²·$h^{0,5}$ – SD < 2 m	DIN 18550
Adhesion	≥ 0,3 MPa	EN 1542
Thermal conductivity (λ)	0.85 W/(m K)	EN 1745:2002
Reaction to fire	B-s1,d0	EN 13501-1

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 high moisture 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

Kerakoll Quality System ISO 9001 CERTIFIED IT10/0327

Kerakoll Quality System ISO 45001 CERTIFIED 18586-I

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