

# Outdoor Plaster

Resin covering for external use with a coloured-body material texture and high colour resistance. Unparalleled protection of the building from atmospheric agents. Italian design for living comfort.

The irregular texture of Outdoor Plaster adds materiality to the facades and increases the perception of depth of outdoor architectural projects.

Available in the 10 Warm Collection colours.



## Rating 4\*

- ✓ Regional Mineral  $\geq 30\%$
- × VOC Low Emission
- ✓ Solvent  $\leq 5$  g/kg
- ✓ Low Ecological Impact
- ✓ Health Care

\* Rating based on average colour formulations

1. Resistant to attack from mould, algae and fungi
2. Excellent workability
3. High levels of resistance to atmospheric conditions
4. Fiber-reinforced
5. Flexible
6. Suitable for insulation systems

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## Areas of application

- Protective and waterproofing thick decorations, suitable for:
- new cured plasters/renders
  - old plasters/renders that are well anchored to the masonry substrate
  - cement conglomerate elements
  - prefabricated concrete elements:
  - surfaces with synthetic or mineral finishes, all in good condition
  - thermal insulation panelling system
  - gypsum-based surfaces, provided they are suitably prepared
  - plasterboard.

Do not use  
In the presence of rising damp.

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## Instructions for use

→ Preparation of substrates

Clean the various types of substrate carefully using suitable equipment to remove all traces of dirt, dust or efflorescence.

If necessary, apply the water-based primer Universal Wall Primer on the substrate to consolidate, even out absorption, and improve the adhesion of the next decorative cycle. In this case samples should be carried out in advance to verify the level of consolidation and absorption achieved.

Specific intermediate coatings from the Kerakover range must be used in external wall insulation systems.

Newly laid renders must be perfectly cured.

New render patch layers must be left to cure, i.e. until the bonding agent has set.

Remove all sections of partially deteriorated synthetic or mineral-based paint coatings and coverings that are fragmenting or separating from the substrate.

In the presence of deposits of mould or biodeteriorating agents, repair first with the Kerakover Activ product.

Before any intervention, check that the scaffolding are free from residues from previous operations (dirt, dust, metal residues, etc.); in case of rain, they may percolate onto the surfaces compromising the aesthetic result.

→ Preparation

Outdoor Plaster is ready-to-use. Always mix the product again before application, using a low-speed helical mixer. If the product is particularly dense it is possible to add up to a maximum of 2% by weight of water to achieve optimum density.

→ Application

Outdoor Plaster 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 stainless steel spreaders or trowels and finished with plastic spreaders. Iron spreaders may release traces of metal; over time and in case of bad weather, they may show signs of oxidation on the façade, 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. Always restart application from a corner. After application, external surfaces must be protected from rain and moisture for 48 hours. Check the size of any surface that can be created continuously without interruptions; on façades, if necessary stop applying near gutters, stringcourses, etc... 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 Outdoor Plaster can be removed from tools with 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.
- Arrange for appropriate protective coverings for scaffolding and always protect surfaces where the paint product will not be applied.
- When applying the paint product to large surfaces, the application must stop in the vicinity of joints or guttering.
- 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 preliminary intermediate coating from the Kerakover range. This phenomenon does not occur in stable climatic conditions.
- For the decoration of thermal insulation panelling systems, it is recommended to use ranges of colours with a refractive index greater than 20.
- Evaluate seasonal application conditions (different temperature and moisture conditions result in significant differences in paint drying and/or reaction times).
- Subsequent supplies of product with the same colour code might show slight differences in shade. Always make sure you purchase a sufficient quantity to complete the work you are doing. When re-ordering the product, always indicate the batch code for the original supply.
- The photographic images in the catalogue and on the website, as well as the colours shown in the samples are to be considered purely indicative.
- Use material from a single production batch for each project.
- Materials from different batches may have slight colour and sheen variations.

## Certificates and marks



\* 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

*Protection and decoration of internal and external surfaces and of External Wall Insulation 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, fiber-reinforced, 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.*

**Technical Data compliant with Kerakoll Quality Standard**

Appearance	covering in white paste form or coloured covering
Volumetric mass	≈ 1.7 kg/l
Chemical nature	organic bonding agent
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	between +5 °C and +30 °C with relative humidity < 80%
Humidity of the substrate	≤ 6%
Waiting time between subsequent coats	≥ 12 hrs
Maximum thickness per layer	≈ 1.5 mm
Coverage per single coat	≈ 2.4 kg/m <sup>2</sup>

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	$w < 0.5 \text{ kg / m}^2 \cdot \text{h}^{0.5} - S_p < 2 \text{ m}$	DIN 18550
Reaction to fire	class B-s2, d0	EN 13501-1

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

# Warning

- Product for professional use
- abide by any standards and national regulations
- use at temperatures between +5 °C and +30 °C and humidity lower than 80%
- make sure the substrate is not frozen
- protect surfaces from direct sunlight and wind
- protect all painted surfaces from rain and strong humidity until the film has dried completely
- 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](mailto:globalservice@kerakoll.com)



The Rating classifications refer to the GreenBuilding Rating® Manual 2012. This information was last updated in March 2021 (ref. GBR Data Report - 04.21); please note that additions and/or amendments to this information may be made over time by KERAKOLL Spa; for the latest version, see [www.kerakoll.com](http://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.

Dreamed by

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