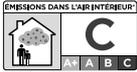


Kerakover Quarzite

Organic, mineral quartz water-based styrene-acrylic paint, with anti-biodeteriorating additives, high coverage and matt effect finish, ideal for use in GreenBuilding. Safeguards the health of operators.

Kerakover Quarzite is a super-washable, filling product with a fine, superior quality finish, excellent coverage, anti-biodeteriorating additives and high resistance to atmospheric agents. Internal, external.



GREENBUILDING RATING®

Rating based on average colour formulations

Natural mineral content 39%

Non-toxic and non-hazardous

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- High coverage
- Excellent coverage and filling properties
- Easy to apply with a brush, roller or spray
- Resistant to attack from mould, algae and fungi

AREAS OF USE

Use
Super-washable decoration of:

- cement-lime mortar plasters
- cement-based plasters/renders
- common and hydraulic lime-based plasters
- gypsum-based plasters
- plasterboard
- prefabricated elements with cement conglomerates
- cementitious and gypsum-based finishing products
- common and hydraulic lime-based finishing layers
- wood panels such as plywood

Suitable for internal and external use.

Do not use
In the presence of rising damp.

INSTRUCTIONS FOR USE

Preparation of substrates
Clean the substrates carefully using suitable equipment to remove all traces of dirt, dust or efflorescences. In the presence of mould or biodeteriorating agents, repair first with Kerakover Activ.
On both old and new powdery substrates: approximately 12 hours before the decorative cycle, apply the Kerakover Eco Acrilex Primer water-based primer on the surface to consolidate, even out absorption, and improve the adherence of the next decorative cycle.
If an additional consolidating effect is required, approximately 24 hours before the decorative cycle apply one or more coats of Kerakover Acrilex Consolidante solvent-based stabilizing agent. In this case samples should be done in advance to verify the level of consolidation and absorption achieved.
Plasters must be perfectly cured. Plaster patch layers must be left to cure completely.
Remove all sections of partially deteriorated synthetic or mineral-based paint coatings and coverings that are fragmenting or separating from the substrate.
First apply Kerakover Acrilex Fondo when micro-cracking are present or in case of partial repairs.
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.

* 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

Preparation

Always remix Kerakover Quarzite before diluting. The product must be diluted up to 20-30% by volume with clean water for the first and second coats, according to the type of support and tools being used.

Application

Kerakover Quarzite must be applied carefully in two coats over the entire surface, with a brush, roller or spraying equipment, on substrates which are perfectly dry or with a humidity level not greater than 6%.

Conditions required for decorating are ambient and substrate temperatures between +5 °C and +30 °C and a relative ambient humidity lower than 80%.

Wait at least 12 hours between coats or in any case, check that the film has fully dried.

Do not apply when the substrate is directly exposed to sunlight. After application, external surfaces must be protected against rain and humidity until the film has dried completely.

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.

When using particularly bright colours, always apply a base coat of the same shade to achieve even coverage. In order to avoid colour differences when resuming jobs, special care must be taken when carrying out decorations over full backgrounds.

Cleaning

Residual traces of Kerakover Quarzite 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.

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.

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.

Evaluate seasonal application conditions (different temperature and humidity conditions result in significant differences in paint drying and/or reaction times).

Arrange for appropriate protective coverings for scaffolding and always protect surfaces where the paint product will not be applied.

On intense shades, it is recommended to apply the product without interruption, wet on wet, in order to avoid signs of recoating.

Re-touching can be affected by various factors and may be visible even after the product has dried completely.

On dark colours, a blackboard effect may appear when fingers are rubbed against the wall after the product has dried completely.

High environmental humidity, condensation and the roughness of the substrate may encourage deposits of dust, spores and other nutrient sources and generate surface growth of micro-organisms.

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 humidity, 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.

ABSTRACT

Protection and decoration of internal and external surfaces, involving application using a brush, roller or spray of a high coverage, super-washable, mineral coating using water-based styrene-acrylic resins, with fine micronized quartz fillers, and a high level of protection from atmospheric agents, pollution, bacteria, fungi and algae, such as Kerakover Quarzite by Kerakoll Spa, GreenBuilding Rating® 2.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	white or coloured paint
Volumetric mass	≈ 1.6 kg/ℓ
Chemical nature	styrene-acrylic
Shelf life	≈ 18 months from production in the original sealed packaging
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Viscosity	≈ 42000 cps, rotor 6 RMP 10 Brookfield method
Pack	4 ℓ / 14 ℓ buckets
Temperature range for application	from +5 °C to +30 °C
Humidity of the substrate	≤ 6%
Waiting time between subsequent coats	≥ 12 hrs
Dilution with water 1 st and 2 nd coat	20 - 30% by volume
Coverage when applying two coats for a fine-texture, two-coat finish	≈ 0.25 – 0.3 ℓ/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 7783
Permeability to water in liquid form	class W3 (low)	EN 1062-3
Respects the Kuenzle theory	$w < 0.5 \text{ kg/m}^2 \cdot \text{h}^{0.5} - S_0 < 2 \text{ m}$	DIN 18550

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
- 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 Rating classifications refer to the GreenBuilding Rating® Manual 2013. This information was last updated in November 2020 (ref. GBR Data Report - 1220); 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.



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