

Aqualite Eco Smalto Satinato



Eco-friendly, protective and decorative satin-effect glaze, resistant to atmospheric agents, excellent coverage, no “blocking” and high elasticity, ideal for use in GreenBuilding. Water-based, with low solvent content, safeguards the health of both operators and the environment.

Aqualite Eco Smalto Satinato is strong, odourless, non yellowing and quick-drying. Made from water-based acrylic resins, it is suitable for wood, metal, plasters and finishing coats, concrete, plasterboard, gypsum and plywood panels.



GREENBUILDING RATING®

Rating based on average colour formulations

rating4

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

Water-based formulation	Reduced solvent content 24 g/kg	No environmental hazard rating	Non-toxic and non-hazardous
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PRODUCT STRENGTHS

- Odourless and elastic
- Quick drying
- Easy to apply with a brush, roller or spray
- Non yellowing
- Suitable for the decoration of environments containing food

AREAS OF USE

Use
Glaze for:

- fine-grain trowelled conventional plaster
- iron, suitably pre-treated with rust-proofing primer
- seasoned new wood or old wood to be repainted
- plastic
- zinc (suitably pre-treated with Keradecor Zinkover)

For internal and external use

Do not use
In the presence of rising damp.

INSTRUCTIONS FOR USE

Preparation of substrates

Unpainted metal surfaces: carefully clean the surface with mechanical tools, removing rust and mill scale with a wire brush and emery cloth, or sandblast in the case of heavy corrosion. Carefully clean the surface again and apply one or two coats of Keradecor Sintcrom rust-preventive anti-corrosive. After the rust-preventive has dried completely, apply two coats of Aqualite Eco Smalto Satinato diluted with 5% of clean water, leaving a minimum interval of 6 hours between the first and second coat.

Metal surfaces to repaint: mechanically remove the old weakened and deteriorated paint with a wire brush and emery cloth until the metal is shiny. In case of large surface areas, industrial paint, or serious corrosion, resort to dry sanding. Carefully clean the surface again and apply one or two coats of Keradecor Sintcrom rust-preventive anti-corrosive. After the rust-preventive paint has completely dried, apply two coats of Aqualite Eco Smalto Satinato.

New galvanized surfaces: degrease thoroughly using Keradecor Solmix Universal thinner. Apply Keradecor Zinkover directly, adjusting dilution with Keradecor Solmix Universal, as required for application by brush, conventional and airless spray.

Slightly rusted galvanized surfaces: remove the rust completely by sanding and apply Keradecor Sintcrom. Apply Keradecor Zinkover, adjusting dilution with Keradecor Solmix Universal, as required for application by brush, conventional and airless spray.

Galvanized surfaces painted with deteriorated products: remove all traces of the existing paintwork and wash thoroughly with Keradecor Solmix Universal. Apply Keradecor Zinkover directly, adjusting dilution with Keradecor Solmix Universal, as required for application by brush, conventional and airless spray.

Unpainted wooden surfaces: sand and apply one or more coats of Keradecor Eco Sintolite primer over the whole surface. Sand the coat of primer after it has fully dried until an even and smooth surface is achieved. Clean to remove any dust, and apply two coats of Aqualite Eco Smalto Satinato.

Metal surfaces to repaint: sand the entire surface, clean thoroughly and then apply two coats of Aqualite Eco Smalto Satinato.

* 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

All the above mentioned substrates must be clean, dry and free from oil and grease.

Plastered surfaces: clean the various types of substrate carefully using suitable equipment to remove all traces of dirt, dust or efflorescence. Remove all sections of partially deteriorated synthetic or mineral-based paint coatings and coverings that are fragmenting or separating from the substrate, and apply Keradecor Prontofix primer. Wait for 6 hours, at environmental conditions of +23 °C and a R.H. ≤ 80%, before applying Aqualite Eco Smalto Satinato. In the presence of mould or biodeteriorating agents, repair first with Kerakover Activ. 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

Aqualite Eco Smalto Satinato is ready-to-use . Always remix the product before application.

Application

Aqualite Eco Smalto Satinato must be applied carefully in two coats over the entire surface, with a brush, roller or spraying equipment, diluted with water depending on requirements and the tools used, 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 relative ambient moisture lower than 80%. The minimum time between application of the first and second coat ranges from 6 to 12 hours, according to the substrate. 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.

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 Aqualite Eco Smalto Satinato 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.

Protect all treated surfaces from rain and strong humidity during the first 48 hours following application. Especially thick applications of product in a single coat will result in longer full-depth drying times.

In the presence of gypsum surfaces or grouting, always apply Keradecor Prontofix first.

On intense shades, we recommend to apply the product wet on wet and without breaks, in order to avoid colour differences.

Touch-ups may vary depending on various factors and may be visible even after the product has dried.

ABSTRACT

Protection and decoration of internal and external surfaces, by application, using a brush, roller or spray, of water-based satin finish glaze, with excellent resistance to atmospheric agents, high elasticity and absence of blocking. The quick-drying satin finish glaze, certified under EN 71/3, complies with the performance requirements necessary for the HACCP method. The product, such as Aqualite Eco Smalto Satinato, featuring a Carbon FootPrint (CFP) certified by SGS Italia S.p.A. as equal to 0.53 kg CO₂ eq/m², calculated using the LCA method according to standards 14040 – 44 for the assessment of environmental impact, and a GreenBuilding Rating® 4, will be applied to metal surfaces that have been pre-treated with a specific anti-corrosion primer or to wood on a pre-sanded primer.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	white or coloured glaze	
Volumetric mass	≈ 1.25 kg/ℓ	
Chemical nature	fine acrylic resins	
Viscosity	≈ 3000 cPs, RVT 6 RPM 20	Brookfield method
Pack	0.75 – 2.5 – 14 l tins	
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat	
Temperature range for application	from +5 °C to +30 °C	
Gloss (+60 °C)	≈ 35	
Humidity of the substrate	≤ 6%	
Waiting time between 1 st and 2 nd coat	≥ 6 hrs	
Dilution with water	max 5% by volume	
Coverage for 2 coats	≈ 0.1 – 0.2 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.

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
- do not add binders or additives
- galvanized surfaces must be pre-treated using Keradecor Eco Zinkover
- 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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