

KAPPASIL FONDO

KAPPASIL FONDO is a biocompatible mineral primer consists of a modified Potassium Silicate solution, according to Standard DIN 18363. It acts as a regulator for the substrate absorber and, in the presence of micro hairline cracks, restores cohesion. Its use prepares the surface to accommodate the finishing layer, contributing to its durability and final aspect of the same.

- Dehumidifying
- Environment Friendly
- Disinfectant
- Restoration
- Breathable
- Resistant
- Versatile
- Healthy
- Antibacterial
- Anti-Mould
- Highly Adhesive
- Quick
- Reversible
- Easy
- Green Building
- Pollution Resistant
- Consolidating Treatment
- Waterproof



Features

KAPPASIL FONDO consists of Potassium Silicate obtained by melting quartz sand (SiO_2) and potassium carbonate (K_2CO_3) at 1300°C . Its composition gives the primer typical features of glassy materials: it is particularly resistant to atmospheric agents, acid attacks and effective against water penetration. The total lack of petrochemical derivative products guarantees the naturalness of a product. The consolidating action of the primer is due to the ability of potassium silicate to react with the primer mineral substances and to generate with them bonds chemically natural capable of restoring cohesion. The product is also used for diluting the products of the KAPPASIL Line.

Fields Of Application

KAPPASIL FONDO is specific for the preparation of substrates which are poorly cohesive, very absorbent or particularly uneven. By performing a uniform action of the absorption and consolidation of micro hairline cracks, it prepares the surfaces to accept the finishing layer. It can be applied to different types of vertical and horizontal substrates, internal and external, both new and existing such as: rustic plaster of any type and kind (lime and/or cement base). Absolutely avoid the application on plaster substrates.

Application

The biocompatible mineral primer KAPPASIL FONDO can be manually applied by brush or roller, on a dry substrate and without uneven parts. KAPPASIL FONDO should be diluted only with water at a rate of 20-25% and one coat applied. In the presence of highly absorbent surfaces or consolidating the dilution can reach up to 50% with a two coat application. Prior to the application of the finishes wait about 12-24 hrs until the substrate treated with KAPPASIL FONDO is perfectly dry. Drying timings may vary due to the application temperatures and atmospheric conditions.

Warnings

- Product for professional use.
- Do not modify the product.
- Store the product in a dry place in the original sealed packages.
- Before using the product refer to the Safety Data Sheet.
- The data given correspond to the technical and application knowledge we have for proper use of the product, so it is recommended to carry out a practical test prior to in order to verify the suitability of the product for its intended use and consumption.
- Protect the surfaces from atmospheric phenomena, sun, wind, rain and frost.
- Since our company is not the executor of the works and can not intervene directly on the construction site conditions and on the methods of work execution, the indications given are to be considered as indicative and general, and therefore not binding for the same.
- The Company reserves the right to make the changes at any time without notice when it deems necessary.
- For more information and practical product demonstrations please consult our technical service.
- Always refer to the updated versions of the technical data sheets available at www.tcs-srl.it.

Technical Data

PRODUCT TYPE: Potassium Silicate mineral primer DIN 18363 for internal and external use

pH OF THE SOLUTION >11.5

DENSITY 1080 kg/m³

VISCOSITY a 20 °C 9000 cps

2010 CE LIMIT VALUE OF VOC (cat. A/a) 30 g/l Max VOC 10 g/l

OVERCOATABLE at 20°C 60% U.R. 12 hrs

FLAME RESISTANCE (EN 13501-1) A1 class

DILUTION from 20% to 50% in relation to the substrate absorption

COMPATIBILITY not compatible with other products

CONSUMPTION 6-8 m²/l one coat on new finished civil substrate

APPLICATION brush - roller or airless

PACKAGING 10 l or 20 l tank

STORAGE 12 months stored in original sealed packages in a dry place away from heat and frost sources

APPLICATION TEMPERATURE from +5°C to +32° C

REACH CLASSIFICATION See SDS