

KAPPASIL RIEMPITIVO

KAPPASIL RIEMPITIVO is a biocompatible filler mineral primer composed of a mixture of pure carbonate sand and modified Potassium Silicate, 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 RIEMPITIVO is made 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.

Fields of application

KAPPASIL RIEMPITIVO 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 existing and new, such as: rustic plaster of any type and nature (lime-and/or cement-based) levelled in advance with the products of the TCS Smoothing compound Line. Absolutely avoid the application on plaster substrates.

Application

The biocompatible mineral primer KAPPASIL RIEMPITIVO can be manually applied by brush, roller or airless, on a dry substrate and without uneven parts. KAPPASIL RIEMPITIVO can be applied as one coat or can be diluted with KAPPASIL FONDO at a rate of 10%. For very large surfaces with strong presence of micro hairline cracks, absorbing or to be consolidated with two/three coat application is recommended. 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: Filling mineral primer with Potassium Silicate DIN 18363 for internal and external use

pH OF THE MIXTURE >11.5

DENSITY 1625 kg/m³

WATER VAPOUR RESISTANCE Sd 0.26 m

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

GRANULOMETRY (EN 1015-1) fine 0.3 mm

DRYING at 20°C and 60% RH to the touch 3 hours complete 24 hrs

OVERCOATABLE at 20°C and 60% RH 12 hrs

FLAME RESISTANCE (EN 13501-1) A1 class

DILUTION from 5% to 10% with KAPPASIL FONDO

COMPATIBILITY not compatible with other products

CLOURS the TCS COLOURS are available in the fan colour guide, in white or to the sample

CONSUMPTION 0,30kg/m²two coats

APPLICATION by brush or roller paint

PACKAGING 25 kg bucket

PALLET 36 buckets, 900 kg

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