

KAPPASIL PITTURA

KAPPASIL PITTURA is a biocompatible mineral paint, consists of pure carbonated flours and a modified Potassium Silicate solution according to Standard DIN 18363. It is mass-coloured with light resistant inorganic pigments for painting, glazing or whitewashing. KAPPASIL PITTURA is a biocompatible mineral paint, consists of pure carbonated flours and a modified Potassium Silicate solution according to Standard DIN 18363. It is mass-coloured with light resistant inorganic pigments for painting, glazing or whitewashing.

- 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 PITTURA consists of carbonate flours and Potassium Silicate obtained by melting quartz sand SiO_2 and potassium carbonate K_2CO_3 at 1300°C . Its composition gives the paint typical features of glassy materials: it is particularly resistant to atmospheric agents, acid attacks and effective against water penetration. In addition the binder's nature preserves the finish from bacteria and moulds, from flaking and ensures high adhesion capacity to the mineral substrates as it reacts with them by creating natural bonds. The mineral nature, is not electrostatic, does not tend to retain dust. The TCS COLOURS are available in the fan colour guide, in white, or to the sample.

Fields of Application

KAPPASIL PITTURA is specific for painting, glazing and whitewashing in the newly constructed, recovering existing structure and restoration sector. 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 KAPPASIL PITTURA application must always be preceded by the preparation of the substrate with KAPPASIL FONDO. In the case of surfaces with hairline cracks and micro cracks, the substrate must be treated with KAPPASIL RIEMPITIVO which, in addition to homogenizing the surface absorption, restores an excellent degree of aggregation. After dilution with KAPPASIL FONDO, KAPPASIL PITTURA can be applied directly on the surfaces to be painted by brush. The dilution may vary from 20 to 40% by weight depending on the aesthetic appearance desired. The product must be mixed with a vortical whip at low speed.

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 paint DIN 18363 for internal and external use

pH OF THE MIXTURE >11,5

DENSITY 1490 kg/m³

WATER VAPOUR RESISTANCE Sd 0.21 m

2010 CE LIMIT VALUE OF VOC (cat. A/a) 30 g/l Max VOC 28 g/l

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

FLAME RESISTANCE (EN 13501-1) A1 class

DILUTION from 20% to 40% 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 3,5 m²/l two coats on new finished civil substrate

APPLICATION by brush or roller

PACKAGING 15 l bucket

PALLET 36 buckets, 756 kg max

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