

# KAPPASIL TONACHINO 1.1

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KAPPASIL TONACHINO 1.1 is a biocompatible mineral intonachino plaster finish. It consists of a mixture of pure carbonate sand, selected with a continuous granulometric arc between 0 and 1.1 mm and modified Potassium Silicate, according to Standard DIN 18363. It is mass-coloured with natural inorganic pigments, light-resistant, for the execution of fine levelled coatings for interior and exterior use.

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



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## Features

KAPPASIL TONACHINO 1.1 consists of selected carbonates and Potassium Silicate obtained by melting quartz sand SiO<sub>2</sub> and potassium carbonate K<sub>2</sub>CO<sub>3</sub> 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.

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## Fields of Application

KAPPASIL TONACHINO 1.1 is specific for the execution of high quality thick finishing plaster 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 TONACHINO 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.

KAPPASIL TONACHINO 1.1 can be manually applied in two coats. If deemed necessary, it can be mixed in the original package with a vortical whip at low speed. It is ready to use and does not require any kind of addition. The spreading will be carried out with the aid of a steel or plastic spatula and trowel, making sure to obtain an even surface and free of imperfections. The following coats should be given after the drying of the previous one, until the desired effect is obtained. When the second layer of the intonachino plaster finish has dried, the surfaces can be float finished to obtain the velvety effect of the intonachino plaster finish.

The spreading of KAPPASIL TONACHINO 1.1 on large surfaces will have to be carried out without interruption to avoid the unaesthetic reworking of the laying. Indeed, in addition to temperature, the relative humidity also greatly influences the final result: both factors influence the drying timings by modifying the chromatic yields of the material.

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## 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](http://www.tcs-srl.it).

## TECHNICAL DATA

**PRODUCT TYPE:** Mineral intonachino plaster finish with Potassium Silicate DIN 18363 for internal and external use

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**pH OF THE MIXTURE** >11.5

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**DENSITY** 1820 kg/m<sup>3</sup>

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**DRY RESIDUE** 75 +/- 1% by weight

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**WATER VAPOUR RESISTANCE** 0,21 m

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**2010 CE LIMIT VALUE OF VOC (cat. A/a)** 30 g/l Max VOCs Content 20 g/l

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**DRYING** at 20°C and 60% R.H. to the touch at 8-10 hours completed in 24-36 hrs

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**FLAME RESISTANCE (EN 13501-1)** A1 class

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**GRANULOMETRY (EN 1015-1)** grossa 1.1 mm

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**CHARACTERISTICS ACCORDING TO ETAG 04:**

**DRY EXTRACT AT 105°C:** 81%

**ASH CONTENT AT 450 °C:** 95%

**ASH CONTENT AT 900 °C:** 57%

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**DILUTION** ready to use

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**COMPATIBILITY** not compatible with other products

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

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**CONSUMPTION** about 2,2 kg/m<sup>2</sup> one coat on new substrate

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**APPLICATION** steel or plastic spatula

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**PACKAGING** 25 kg bucket

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**PALLET** 36 buckets, 900 kg

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

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

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**REACH CLASSIFICATION** See SDS