

# STORICAL TONACHINO 1.1

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STORICAL TONACHINO 1.1 is a biocompatible mineral Intonachino plaster finish a ready to use paste. It consists of a mixture of pure carbonate sand, selected with a continuous grain size arc from 0 to 1.1 mm and lime putty obtained by baking pure limestone in vertical ovens at temperatures lower than 900°C, classified with the CL 90-S PL marking according to UNI EN 459-1. STORICAL TONACHINO 1.1 can be used in natural white colour or mass-coloured with light resistant inorganic pigments for the execution of fine levelled coatings for interior and exterior use.

- Dehumidifying
- Environment Friendly
- Disinfectant
- Restoration
- Breathable
- Resistant
- Versatile
- Recyclable
- Healthy
- Antibacterial
- Anti-Condensing
- Anti-Mould
- Highly Adhesive
- Quick
- Reversible
- Green Building
- Pollution Resistant
- CL90



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## Features

STORICAL TONACHINO 1.1 consists of selected carbonate sands and, as a single binder, Lime putty CL 90-S PL long cured and totally hydrated. This composition makes the finish eco-friendly, biocompatible and reversible. The absence of volatile organic compounds (VOCs) ensures the purity while the total lack of petrochemical derivative products ensures compatibility with full respect for man and the environment by eliminating Sick Building Syndrome.

The totally mineral nature of STORICAL TONACHINO 1.1, combined with a very basic pH, makes it an excellent natural protection against bacterial proliferation and the formation of superficial moulds, avoiding the formation of dangerous condensation by regulating the ambient humidity and the carbon dioxide content of environments. The TCS COLOURS are available in the fan colour guide, in white, or to the sample. The natural whiteness of the lime and the colours obtained with inorganic pigments contribute to regenerating the airy and bright atmospheres of ancient lime colourings.

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## Fields of Application

STORICAL 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) previously smoothed with the products of the TCS Smoothing Compound Line.

## Application

In order to obtain excellent results, it is recommended to apply STORICAL TONACHINO 1.1 on surfaces previously smoothed with the TCS Smoothing Compound Line products. In the case of absorbent, clean and cohesive surfaces, the application of STORICAL TONACHINO 1.1 can take place directly without regulating primers.

Otherwise, for poorly cohesive, very absorbent or particularly uneven supports, surface treatment with KAPPASIL FONDO diluted with water up to 50% is recommended. Adequate wetting of the substrate is recommended where it is deemed necessary.

STORICAL 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 with low speed and 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 intonachino plaster finish is dry, the surfaces may be spot faced to obtain a compact effect or floated manually or mechanically with a sponge trowel to obtain the intonachino plaster finish effect.

The spreading of STORICAL TONACHINO 1.1 on large surfaces will have to be carried out without interruptions to avoid the unaesthetic reworking of the laying. In fact, in addition to the 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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## Finishes

In the case where STORICAL TONACHINO 1.1 is laid on particularly exposed external surfaces, it is recommended to apply a waterproof protection type TI 10 or TI 10 PLUS of the TCS Protection Line.

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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** Air Lime intonachino plaster finish CL90-S PL UNI EN 459-1 for interior and exterior use

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**pH OF THE MIXTURE** > 12.5

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**DENSITY** 1800 kg/m<sup>3</sup>

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

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

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**WATER VAPOUR PERMEABILITY COEFFICIENT (EN 1015-19)** Sd 0,16 m

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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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**GRANULOMETRY (EN 1015-1)** medium-large 1.1 mm

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

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**DILUTION** ready to use

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**COMPATIBILITY** not compatible with other products

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**CONSUMPTION** 4,0kg/m<sup>2</sup> two coats on new civil support

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**APPLICATION** steel or plastic spatula and sponge trowel

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**CLOURS** disponibile nei colori di mazzetta I COLORI di TCS, the TCS COLOURS are available in the fan colour guide, in white or to the sample

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**PACKAGING** 25 kg bucket

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**PALLET** 36 buckets, 900 kg

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**STORAGE** without expiration stored in original unopened packages in a dry place away from sources of heat and frost

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

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**REACH CLASSIFICATION** See SDS