

## TC 35

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TC 35 is a Consolidating impregnating product consisting of Ethyl Silicate. The low molecular weight and low viscosity optimize the penetrating capacity of the consolidating agent by generating bonds with the mineral substrate, increasing its mechanical strength. The product is specific for brick, natural stone, plaster works and any other mineral substrate as long as it absorbent.

- Restoration
- Breathable
- Resistant
- Versatile
- Highly Adhesive
- Quick
- Easy
- Pollution Resistant
- Consolidating Treatment



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## Features

TC 35 is an Ethyl Silicate solution able to penetrate inside the surfaces. The specific consolidating action to all the stone supports is accomplished by the formation of bonds between the uneven disintegrated mineral surfaces. The application of TC 35 does not cause chromatic or breathability alterations due to the nature of structurally similar bonds to the minerals constituents the surface.

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## Fields of Application

TC 35 is a specific Ethyl silicate consolidator for the treatment of uneven mineral surfaces or which have crumbling phenomena.

## Application

Before applying TC 35, make sure that the surfaces to be treated are perfectly clean and dry.

TC 35 can be applied manually by roller or flat brush or sprayed at low pressure directly on the surface to be treated, making sure to spread the product evenly. It can be used as such or in dilution with mineral white spirit. Wait 24 hours before applying the following TC 35 coats.

TC 35 used in the pre-treatment phase as consolidating product, it works effectively after waiting for 2-4 days but completes its reaction about after 28 days with temperatures of about 20°C and R.H. of 40-50%. Upon consolidation, the product treated with TI 10 or TI 10 PLUS can be protected with a waterproof protection no earlier than 8 days after the TC 35 treatment.

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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** Consolidating product with Ethyl Silicate

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**DENSITY** about 850 kg/m<sup>3</sup>

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**DILUTION** Ready to use or dilute with mineral white spirit

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**ACTIVE PART** 35%

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**CONSUMPTION** l/m<sup>2</sup> according to the degree of protection required

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**PACKAGING** 5 l tank

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**STORAGE** Keep in dry place up 12 months in original package

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**APPLICATION TEMPERATURE** from +14°C to +30°C

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**REACH CLASSIFICATION** See SDS

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