



UNI EN ISO 9001:2008
Quality System Certified Company



TECHNICAL DATA SHEET

PRODUCT

STR 535

**CONSOLIDATOR
OF HIGH PENETRATING CAPACITY
for natural stones**

STR 535 is a new generation product and is the improvement of the traditional consolidators and strengthening agents based of ethyl esters of the silicic acid.

The modifications to the formula of the traditional consolidators/strengtheners have originated a consolidator for stone materials which characteristics are high penetration capacity inside the material.

The typical chain of the silicates has been modified by organic groups in order to have a product of high penetration and consolidation power and of good elasticity; these organic groups give to the product also a good waterproofing capacity (this excludes its use as a pre-consolidator).

STR 535 does not give significant changes in colour; the eventual light difference of shade of the treated material is anyway lower than the shade difference developed by the traditional strengtheners based on ethyl esters of the silicic acid.

STR 535, based on ethyl esters of the silicic acid:

- *Consolidates the deteriorated stones*
- *Creates a connection between the deteriorated external part and the sound core of the material*
- *Increases the compactness of the material by penetrating inside its structure*
- *Develops a good water repellent action*
- *It doesn't make film and leaves unchanged the natural transpiration property of the materials*

FUNCTION

CONSOLIDATION AND STRENGTHENING OF THE STONE MATERIAL

LINE

RESTORATION

PROFESSIONAL

INDICATION

RESTORATION AND RECONSTRUCTION OF THE STONE MATERIALS DETERIORATED BY THE TIME

MATERIALS

ALL STONE MATERIALS. PARTICULARLY SUITABLE FOR CARBONATE MARBLES

HOW TO USE

Preparation of the surface

The material to be treated must be absorbent, well washed and cleaned, free from soluble salts, any kind of alien substance and friable parts.

Application

Wait until the material is completely dry. Apply the product by using a non-coloured clean cotton cloth or a tampon. Apply until the refusal and the material is saturated

Temperature of application: between +5°C and + 35°C (41°F and 95°F).

TEST

Before the final treatment always make a preliminary test on a small part of the surface and evaluate the effect after some days.

CONTENT

Ethyl esters of the silicic acid

TECHNICAL DATA

Transparent colourless liquid

Density: 0,90 kg/dm³ about. Dry extract: 40% minimum. Active substance: 75%

The consumption significantly depends on the state of deterioration of the material and how deep is the deteriorated part.



STABILITY

Keep always the cans perfectly closed to avoid the evaporation of the solvents.
Store in dry place at temperature between +5°C (41°F) and +25°C (77°F)
These conditions respected, the product, kept into original cans tightly closed, has a stability of 12 months about.

SAFETY

Solvent based product: flammable. Keep out from the reach of children. Wear impermeable gloves and solvent-proof mask. Apply in well aired place.
For more information about safety, consult the Material Safety Data Sheet.

PACKAGING

1 L., 5 L.

LIMITATION OF LIABILITY The data provided derive from published information or from our own laboratory tests. The information provided here must be considered as a guideline and not as any form of performance guarantee. Liability for defective products, when verified, is limited to refund of the purchase price since the application of the product is beyond the control of the manufacturer or supplier.

A PRELIMINARY TEST IN A SMALL AREA IS ALWAYS RECOMMENDED BEFORE THE APPLICATION