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FLUOLINE ST

BINDER BASED ON FLUORINATED COPOLYMERS

TECHNICAL CHARACTERISTICS

Appearance:	slightly viscous liquid
Colour:	colourless to straw yellow
Drying time:	ca. 1-2 hours (at 23 °C)
Dry content:	10 %
Specific gravity:	0.84 ± 0.01 kg/l
Viscosity (Brookfield):	100-300 cP

DESCRIPTION

FLUOLINE ST is a binder based on fluorinated copolymers (molecular weight ca. 300.000 amu), in acetone.

FIELDS OF USE

FLUOLINE ST can be used to make elastic and reversible fillers on natural and artificial stone artefacts, plasters and mural paintings, using powders of the same material that we want to integrate.

ADVANTAGES

- Elasticity.
- Complete reversibility in acetone.
- Chemical inertia and high resistance to atmospheric agents.
- Absence of chromatic variation in treated materials.

LIMITS

- The low transition temperature causes the material to remain always elastic: this may lead to absorption of particles, which might cause the graying of the treated surface. It is not recommended for use on very clear stones (travertine, marble from Carrara, Istrian stone).

USE

FLUOLINE ST should be mixed in a ratio of about 1 : 4 with powders of marble or other stones, and applied in the area to be filled.

In the event that part of the mixture hardens because of the solvent evaporation, it is sufficient to add acetone to make the mass workable again.

STORAGE

12 months in original sealed containers at a temperature of about 20 °C.

TENDER SPECIFICATIONS

A ready-to-use binder product based on fluorinated elastomeric copolymers in a low toxicity solvent, reversible and UV-resistant. It presents high permeability to water vapour, oil and water repellence, even after aging. It does not alter the colours of the stone elements with which it is mixed.

PACK SIZE

FLUOLINE ST is available in 1 - 5 l pack sizes.

Information contained in this data sheet is based on our state of knowledge and on laboratory testing at the above-specified date. The User should determine, by preliminary tests, the suitability of the product for his intended purpose, and should observe the laws and regulations regarding health and safety.

C.T.S. S.r.l. guarantees the constant quality of the product but is not accountable for any damages caused by the incorrect use of a material. The product is intended **for professional use only**. In addition, the components and packaging can change at any time, without any obligation of prior notice.