



SOLVENT-FREE, SILICATE-BASED CONSOLIDATOR FOR CEMENTITIOUS SUBSTRATES, WITH A HIGH PENETRATION PROPERTIES.



PRODUCT DESCRIPTION

Consolid S is a blend of silicates in water solution with low viscosity and therefore high penetration properties. It can penetrate to a depth of several centimetres and when dried, it improves the cohesion of cementitious surfaces. Consolid S is ready-to-use and need not be diluted.

FIELD OF APPLICATION

- Deep consolidation of cementitious substrates with an unstable surface or with poor mechanical characteristics;
- Consolidation of cementitious screeds which tend to have a crumbly surface due to hydration defects or a lack of binders;
- Impregnation and anti-dust primer on cementitious surfaces.

SUITABLE SUBSTRATES

- Cement Backer Board
- Cement Mortar Bed
- Cement Plaster
- Cement Terrazzo
- Concrete
- Decorative mortar.

LIMITATIONS

- Do not use on non-absorbent or wet surfaces.
- Do not use on anhydrite surfaces.
- Do not dilute with water or solvents.
- Immediately clean up any drops ceramic tile, glass, marble, and metal surfaces.

APPLICATION PROCEDURE

A) *Preparing the substrate*

The substrate must be dry, clean, free of oils, varnish, leveling compounds and other materials which might prevent from penetration.

B) *Preparing the product*

Ready to be used.

C) *Preparing the product*

Pour the Consolid S on the surface with a sprinkler or pump and distribute it evenly with a broom, brush, or roller until it is completely absorbed. Very friable or porous substrates may need more than one coat, in which case wait until the previous coat is dry. Do not allow pools of excess Consolid S to accumulate because they form a shiny anti-adhesive film. To prevent the film from forming, sprinkle sand over the last coat of Consolid S and remove the

excess sand when dry. Proceed with leveling or installation of flooring after making sure the surface is dry. Drying time varies with the amount of product used, and ambient temperature and humidity. The recommended application temperature is from +5°C to +35°C.

COVERAGE / CONSUMPTION

The consumption of CONSOLID S depends on the porosity and absorption of the surface. Typical consumption is between 400 and 600 gr/m².

PACKAGING

Consolid S is supplied in:

- 1 kg plastic can
- 5 kg plastic can
- 10 kg plastic can.

SHELF LIFE-STORAGE

Original sealed packaging of this product is guaranteed to be of first quality for 24 months if stored in a dry area. The high humidity will reduce the shelf life of the bagged product.

SAFETY INSTRUCTION

CONSOLID S may irritate the skin and breathing system. Serious damage may be caused if it comes into contact with the eyes. We recommend the use of suitable protective gloves and protection for the eyes and face. If the product comes into contact with the eyes, rinse off well with plenty of clean water and seek specialist medical advice. For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet. **PRODUCT FOR PROFESSIONAL USE.**

TECHNICAL DATA

Product identity

Consistency	Liquid
Color	Transparent
Density (kg/m ³)	1200
Viscosity (mPa·s)	35
Dry solids content	30

Application data (at +23°C and 50% R.H.)

Dilution	Ready to use
Waiting time before application of the mortar	24 hours
pH of mix	12
Application temperature	+5°C to +35°C
Consumption	400-600gr/m ²



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