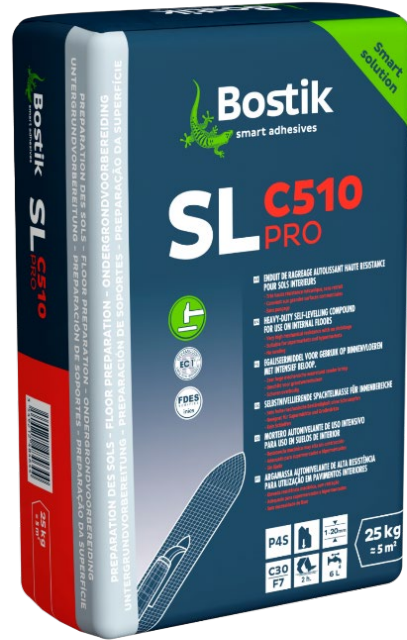


SL C510 PRO

HEAVY-DUTY SELF LEVELLING COMPOUND

KEY BENEFITS

- High mechanical resistance, no shrinkage
- Suitable for supermarkets
- No sanding
- Pumpable application
- High resistance to puncture
- Excellent adhesion



P4S



C30
F7



APPLICATIONS

DESTINATION

SL C510 PRO self-levelling compound is suitable for use in both new-built and renovation projects. Can be used in areas that are subject to high levels of foot traffic. For interior use only

Areas of applications :

- Porous or non-porous cement based subfloors
- Old ceramic tiles
- Sanded asphalt screeds
- Old adhesive residue
- Water underfloor heating installations
- Smoothing and levelling of screeds
- Concrete floors
- Rigid bases
- Heavy duty areas or locations
- Collective kitchens, airports, railway stations

Associated floor coverings :

- PVC coverings, LVT
- Linoleum, rubber
- Carpet, Textile
- Tiling
- Hardwood

PRODUCT CHARACTERISTICS

Composition / colour	Cement/ grey
Mixing ratio	6 liters of water per 25 kg bag
Application temperature	10 to 25°C
Working time*	20 min
Walk on time*	2 hours
Curing time* / Floor installation	Tiling : 24h PVC, linoleum, rubber : 48-72h Wood floor : 48-72h Floor paint : 48-72h
Coverage	1.5 kg/mm/m ²
Compressive strength	C30
Flexural strength	F7

*these times are determined at + 23° C and 50 % relative humidity on normally absorbent substrates

SUBFLOOR PREPARATION

CLEANING PREPARATION

Preparation should be in accordance with building standards. Subfloors must be sound, of adequate tensile and compressive strength, free from laitance, cracks and structural defects, clean and free from dust, grease, curing compounds, sealers or any other contaminants that would inhibit proper bond. Substrate residual moisture content must be evaluated, and in accordance to local building standards and floor manufacturers recommendations.

Adhesive residues that are hard, sound and water-tight should be mechanically cut-back to a minimum.

Soft and weak adhesive residues and smoothing underlayment should be completely removed. New asphalt screeds should be sand-blasted. Tiles must be firmly adhered to the base, re-fix them if necessary. If the floor tiles are easily removable, remove them completely.

The following substrates must be pre-treated with suitable Bostik primers and bonding agents.

Underfloor heating systems must comply with current building regulations. In all cases drying time must be respected. Turn off the heating 48 hours before starting the work. The heating should be turned up to its operating temperatures gradually, in stages over 48 hours after laying the floor covering. Do not apply when underfloor heating is in operation.

MECHANICAL PREPARATION(PUMPABLE)

SL C510 PRO can be mixed using a continuous mixing-pump. In this case the optimum water content is regulated on the basis of product viscosity. This one must be equal to the viscosity obtained by standard mixing of 1 bag in 6 liters of water. (See the technical guidance / procedure relative to the technical system for preparing interior floors for the application of thin floor coverings). Once mixed, SL C510 PRO is pumped and applied to the desired thickness (from 1 to 20 mm maximum in one single continuous coat).

Refer to the building standards/rules in force in each country.

For all additional information, please contact our technical department. Protect from excessively rapid drying, e.g. due to direct sunlight, draught or high room temperature.

Conversely, poor airflow and low temperatures will significantly increase drying times. Do not lay floor coverings until the compound is completely dry.

METHOD OF USE

Pour approx. 6 liters of clean water (water temperature +8° to +25°C) into a clean mixing bucket. Stir the powder into water with an electric drill and mixing paddle (500 rpm) to obtain a lump-free mixture.

After mixing, a maturing time of at least 1 minute is recommended to optimize flow. Remix for 30 seconds.

The self-levelling compound is ready to be applied during the 20 minutes following.

The smoothing and levelling compound must be applied to the substrate within the specified working time and smoothed with a stainless steel float. Spread the compound to zero in order to fill the pores, then smooth and spread in a regular manner to the desired thickness.

COVERAGE

1.5 kg/mm/m²

STORAGE STABILITY

Up to 9 months in the original unopened bag in dry conditions.

CLEANING

Tools may be cleaned with while the mix is still wet.

Code	UC	PCB	GENCOD
30615449	25 kg	1	354921248464 4

SAFETY

For more details, consult the safety data sheet on <https://bostiksd.thevercs.com/default.aspx>

The information given and recommendations made herein are based on Bostik's research only and are not guaranteed to be accurate. The performance of the product, its shelf life, and application characteristics will depend on many variables, including the kind of materials to which the product will be applied, the environment in which the product is stored or applied, and the equipment used for application. Any change in any of these variables can affect the product's performance. It is the buyer's obligation, prior to using the product, to test the suitability of the product for an intended use under the conditions that will exist at the time of the intended use. Bostik does not warrant the product's suitability for any particular application. The product is sold pursuant to Bostik's Terms and Conditions of Sale that accompanies the product at the time of sale. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the pat

BOSTIK TECHNICAL ASSISTANCE

Smart Help +33 (0)1 64 42 13 36



BOSTIK SA
420 rue d'Estienne d'Orves, 92700 Colombes, FRANCE
Tel.: +33 (0)1 64 42 13 36
www.bostik.com