

## SL C320 ARDASOL

STANDARD SELF-LEVELLING COMPOUND FOR USE ON INTERNAL FLOORS

### KEY BENEFITS

- Self-levelling
- No shrinkage
- Excellent surface finish
- Easy to prepare and ready-to-mix
- Reduced sanding
- Pumpable



### APPLICATIONS

#### DESCRIPTION

SL C320 ARDASOL levelling compound is suitable for smoothing and levelling of screeds, concrete floors and other hard, rigid bases.

#### DESTINATION

SL C320 ARDASOL is suitable for use in both new-build and renovation projects. Can be used in areas that are subject to moderate and high levels of foot traffic. Not to be used as a wearing surface. For interior use only.

#### Areas of applications :

- Porous or non porous cement based subfloors
- Old ceramic tiles
- Old adhesive residue
- Warm water underfloor heating

#### Associated floor coverings :

- Linoleum, rubber and tiling
- Parquet/Wood floors
- Plastic and textile coverings

### PRODUCT CHARACTERISTICS

Composition / colour	Cement / grey light
Mixing ratio	6 liters of water per 25 kg bag
Application temperature	10 to 25°C
Working time*	20 min
Walk on time*	4-6h
Curing time* / Floor installation	Tiling : 24h PVC, linoleum, rubber : 48-72h Wood floor : 72h
Application thickness	1-10 mm
Coverage	1.5 kg/mm/m <sup>2</sup>
Compressive strength	C20
Flexural strength	F6

\*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 firmly adhere 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.

### MECHANICAL PREPARATION(PUMPABLE)

SL C320 ARDASOL 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 C320 ARDASOL is pumped and applied to the desired thickness (from 1 to 10 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.

## METHOD OF USE

Pour approx. 6 liters of clean water (water temperature +8°C 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/m<sup>2</sup>

### STORAGE STABILITY

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

### CLEANING

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

Code	UC	PCB	GENCOD
30615456	25kg	1	3549212484675

### SAFETY

**For more details, consult the safety data sheet on**  
<https://bostiksdcs.thewerco.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 patent.*

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