

SL C960 XL

HEAVY-DUTY SELF-LEVELLING AND RESURFACING COMPOUND

KEY BENEFITS

- **Very high mechanical resistance**
- **Rapid drying**
- **No sanding**



APPLICATIONS

DESCRIPTION

SL C960 XL is a heavy-duty self-levelling and resurfacing compound

DESTINATION

- Direct layer of coatings from 3 to 60 mm
- P3 from 3 mm for new work and renovations
- Particularly suitable for levelling out height differences of more than 60 mm

Areas of applications :

New work

- Surfaced concrete with a neat face
- Concrete with embedded screed
- Built-up screed
- Calcium sulphate screed Renovation
- Old tiles, terracotta tiles, etc.
- Traces of glue
- Old semi-flexible tiles
- Dry screeds (special floor plasterboards)
- Old smoothing plaster class P3

Renovation

- Old tiles, terracotta tiles, etc.
- Traces of glue
- Old semi-flexible tiles
- Dry screeds (special floor plasterboards)
- Old smoothing plaster class P3

Associated floor coverings :

- PVC
- Textile floors (carpeting, etc.)
- Linoleum
- Glued or floating parquet
- Tiles
- Flexible floors

PRODUCT CHARACTERISTICS

Colour	Beige
Composition	Powder based on hydraulic binders, mineral fillers and special additives
Mixing ratio	5.5 litres of water per 25 kg bag
Storage / Shelf life*	9 months
Application temperature	+5°C à + 30°C
Application thickness	3 to 60mm
Coverage	1.6 kg/mm/m ²
Working time**	30 minutes
Walk on time**	3 to 5 hours
Curing time / Floor installation**	<ul style="list-style-type: none"> • Carpet, textile, PVC, linoleum: 3-10mm thickness: 48hrs >10mm thickness: 72hrs • Parquet: 72 hrs
Compressive strength	C25
Flexural strength	F6

*from date of manufacture in original, unopened packaging, clear of the ground, in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost, damp, condensation and dew.

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

DIRECTIONS FOR USE

PREPARATION

Subfloor :

Ensure the subfloor is in accordance with building standards. Subfloors must be clean, sound, dry (<75%RH), and free from contaminants that may impair adhesion e.g. dust, grease, paint, plaster, polish, water softenable adhesive etc.

Check any remaining adhesive residues to ensure they are not water softenable, are hard, sound, and have sufficient cohesive strength to receive a levelling compound.

Mechanically cut back any hard adhesives residues to a minimum. Remove any weak or water softenable adhesives.

Tiles must firmly adhere to the base, re-fix them if necessary. If the floor tiles are easily removable, remove them completely.

The temperature of the floor must be maintained between +5°C to +25°C throughout the application and drying of the smoothing compound.

Cracks smaller than 0.8 mm as well as joints should be treated with RENO E742 STRUCTURE, which should be sanded with S409 sand.

If the supports do not have the required humidity level, implement our anti rising damp proof membrane HYTEC E336.

Underfloor heating systems :

Underfloor heating systems must be switched off for 48 hours before installation. Wait 7 days after installation before gradually turning up underfloor heating.

Refer to the CPT, DTU or technical notice to check the surfaces. Here are some recommendations extracted from these documents

	SURFACE	SPECIFIC PREPARATIONS AND VERIFICATIONS
NEW	Concrete slab	Elimination of the cure product
	BAP Fluid cement screed	
	Heated and/or cooled floors + ERP	Check that the heating has been carried out
RENOVATION	Tiles	Cleaning with water and soda lye, followed by rinsing with clear water
	Traces of acrylic glue	Remove as much as possible by scraping
	Floor resin	Sanding then same as floor paint

TYPE OF SURFACE		PRIMERS	CONSUMPTION
Concrete cement screed	Porous	Grip A310 PROJECT GRIP A320 BASIC PRIMROXOL PRIMACRYL	100-120 g/m ² /layer
	Normally absorbent	GRIP A700 UNIVERSAL PRIMAPRENE UNIDUR N GRIP A500 MULTI GRIP A310 PROJECT GRIP A320 BASIC PRIMROXOL PRIMACRYL	100-120 g/m ²
	Closed	GRIP A700 UNIVERSAL PRIMAPRENE UNIDUR N GRIP A500 MUTL	80-100 g/m ²
Tile		GRIP A700 UNIVERSAL PRIMAPRENE UNIDUR N GRIP A500 MULTI	100-120 g/m ²
Traces of gluing			
Resin		GRIP A936 XPRESS	80-100 g/m ²

MIXING

Measure 5,5 liters of clean, cold water into a clean mixing bucket. Gradually add the bag of Bostik SL C960 XL to the water, whilst continually mixing with an electric drill and mixing paddle until a smooth lump-free mixture is obtained. This will normally be achieved after 2 minutes. Do not under mix.

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

The mixture will retain its self-smoothing capability for approximately 30 minutes under normal conditions.

Note: the addition of too much water may result in separation of the compound.

APPLICATION

Application thickness :

A depth of 3mm to 60mm is permissible in a single application. For depths above 60mm, the product needs to be used as a blended compound and treated as a mortar.

If a second application of Bostik SL C960 XL is required, this can be carried out once it is ready to take foot traffic.

DIRECTIONS FOR USE

Trowel application :

Pour the mixed material onto the prepared substrate to a thickness between 3mm and 60mm.

Using a smooth edge stainless steel trowel, smooth over the wet product to gain the desired thickness and smoothness. A pin level may be used to assist in gaining the required depth. Use a spiked roller to remove any trapped air and flow lines, to give a uniform surface appearance.

Pump application :

Where large floor areas require levelling, it is beneficial to apply Bostik SL C960 XL by mortar screw pump. Application rates in excess of 200m² per hour at 5mm or 300m² per hour at 3mm are achievable by pump application. Care should be taken when pumping to undertake periodic flow tests of the compound, from the end of the hose. Flow test results should be 130-140mm when using an EN 12706 flow tube.

DRYING TIME

Protected from strong sunlight and through draughts as this can dehydrate the product resulting in incorrect curing.

Foot Traffic :

The compound will accept foot traffic after 3 to 5 hours at +25°C (approx.). In lower temperatures, this will be extended.

Floor installation :

The curing time depends on how absorbent the subfloor is, the ambient & the floor temperature and the humidity :

Carpet, textile, PVC, linoleum	Between 3 and 10 mm thickness	48 hours at +25°C
	10mm thickness	72 hours at +25°C
Parquet		72 hours at +25°C

CLEANING

Clean tools and equipment with warm soapy water immediately after use.

Code	UC	PCB	PALLET	GENCOD
30615446	25 kg	1	48	3549212484613

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

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