

SL C740 FIBER MAXI

FIBRE-REINFORCED HEAVY-DUTY SELF-LEVELLING COMPOUND FOR USE ON INTERNAL & EXTERNAL FLOORS

KEY BENEFITS

- Heavy-duty thickness
- Suitable for use on external covered floors
- Very high mechanical resistance with no shrinkage
- Reinforced with special fiber-blend
- Up to 40 mm in one application

APPLICATIONS

DESCRIPTION

SL C740 MAXI FIBER is a fiber-reinforced, self-levelling, P4 compound.

DESTINATION

- Suitable for use in both new-build and renovation projects
- Classified P3 from 3 mm thickness on supports in renovation
- Classified P4/4S from 3 mm thickness and up to 40 mm on bonded hydraulic systems
- Specially adapted to the renovation of old parquets and to all types of renovation work

Areas of applications :

New :

- Surfaced concrete with a neat face
- Concrete with embedded screed
- Built-up screed
- Calcium sulfate screed
- Heated floors
- Asphalt screed

Renovation :

- Old tiles
- Old traces of glue
- Old semi-flexible tiles
- Old floor paints
- Dry screeds
- wood based panels CTBX, CTBH, OSB3, etc.

Associated floor coverings :

- PVC
- Carpet
- Linoleum
- Parquet, tiles
- Floor paints in all premises of class UPEC P3 at the most, in interior on new or bare cement support



PRODUCT CHARACTERISTICS

Colour	Grey
Composition	Fiber reinforced cement based
Mixing ratio	5-5,5 liters of water per 25kg bag
Storage / Shelf life*	9 months
Application temperature	5 to 25°C
Application thickness	1-40 mm
Coverage	1.5 kg/mm/m ²
Working time**	20 min
Walk on time**	3h
Curing time / Floor installation**	Tiling : 24h PVC, Rubber : 48h Parquet: 72h
Compressive strength	C30
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 and 3 mm thickness

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 don't re-emulsify in water, are hard, sound, and have sufficient cohesive strength to receive a levelling compound.

Mechanically remove any hard adhesive residue 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** or **HYTEC E736 TURBO** or any approved HYTEC solution.

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 your local norm and regulations in case of any technical questions.

Here are some recommendations:

	SURFACE	SPECIFIC PREPARATIONS AND VERIFICATIONS
NEW	Concrete slab	Elimination of the cure product
	Fluid cement screed	
	Calcium sulfate screed	
	Heated and/or cooled floors	Measurement of residual moisture
RENOVATION	Tiles	Check that the heating has been carried out
	Semi-flexible slab without asbestos	Cleaning with water and hydroxide solution, followed by rinsing with clear water
	Traces of acrylic glue	Remove as much as possible by scraping
	Traces of asbestos-free bituminous glue	Remove excess thicknesses >0.5mm or total removal
	Floor paint	Sanding to restore roughness then cleaning same as tiles
	Floor resin	Sanding then same as floor paint
	Parquet on joists	Elimination of waxes and varnishes followed by dusting by aspiration
	Wood-based panels	Check that there is no arrow
	Asphalt screed	No cracks

TYPES OF SUPPORT		Primers	Consumption
Concrete cement screed	Porous	GRIP A310 PROJECT GRIP A700 UNIVERSAL	100-120 g/m ² /layer
	Normally absorbent	GRIP A700 UNIVERSAL GRIP A500 MULTI GRIP A310 PROJECT	100-120 g/m ²
	Closed	GRIP A700 UNIVERSAL GRIP A500 MUTLI	80-100 g/m ²
Calcium sulfate screed		GRIP A 310 PROJECT GRIP A700 UNIVERSAL	100-120 g/m ² /layer
Tile		GRIP A700 UNIVERSAL GRIP A500 MULTI	100-120 g/m ²
Traces of gluing			
Residue from patching			
Paint / Resin floors		GRIP A936 XPRESS	80-100 g/m ²
OSB / Wooden Floors		GRIP X910 FILL & WOOD	0,6-1.0 kg/m ²
Asphalt screed		GRIP A936 XPRESS	100-120 g/m ²

Application thicknesses over different substrates:

- New cement support : 1 to 40mm
- Calcium sulphate screed : **1 to 20mm**
- Wood planks, tiles, traces of acrylic residue: **3 to 30mm**
- Semi-flexible slab : **3 to 10 mm**

MIXING

Measure 5-5,5 liters of clean, cold water into a clean mixing bucket. Gradually add the bag of **BOSTIK SL C740 MAXI FIBER** to the water, whilst continually mixing with an electric drill and mixing paddle (Recommended mixing paddle= COLLOMIX DLX Turbine) until a smooth lump-free mixture is obtained. This will normally be achieved after 1.5-2 minutes.

Do not under mix.

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

The mixture will retain its self-smoothing capability for approximately 20 minutes under normal conditions.

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

DIRECTIONS FOR USE

APPLICATION

Trowel application :

Pour the mixed material onto the prepared substrate using a smooth edge stainless steel trowel. Smooth and adjust evenly to the desired thickness. A single pass is required for applications between 1 and 10 mm.

For thicknesses greater than 10 mm, use a pump mixer and place a 5 mm thickness peripheral foam strip around the entire perimeter.

A pin level may also 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 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. Make sure to perform periodic flow tests of the compound, from the end of the hose. Flow test results should be 140-150mm when using an EN 12706 flow tube.

Depending on the power of the pump (number of bags/hour), it will be necessary to stop pouring according to the total surface and thicknesses. For example: stop pouring every 50 m² for 20mm using a 96-bag/hour pump, or every 20 m² for 20mm thickness using a 40-bag/hour pump.

Allows thickness adjustment up to 40 mm in a single pass.

DRYING TIME

Protect 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 hours at +25° C (approx.) at 3mm. In lower temperatures, curing times will be extended.

Floor installation :

The curing times can vary based on the subfloor, ambient and floor temperature and humidity.

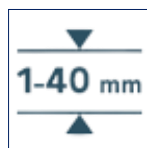
IMPORTANT NOTES

- Never add additional water to the SLC after mixing or once applied.
- Follow the mixing instructions and recommended mixing paddle (DLX from Collomix)
- Avoid sources of heat or change in temperatures for the first few hours after application.
- For application thicknesses greater than 10 mm, always use a 5 mm thickness foam strips around the entire perimeter.
- Review the maximum allowed thickness based on the type of substrate.

CLEANING

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

Code	UC	PCB	PALLET	GENCOD
30519284	25 kg	1	48	3549212487836



SAFETY DATA SHEET

For more details, consult the safety data sheet on

<https://bostikds.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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