

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



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 hydraulic binder-based substrates
- 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
- Parquet and wood panels CTBX, CTBH, OSB3

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	Powder based on hydraulic binders, mineral fillers and special additives, reinforced with gray polymer fibres
Mixing ratio	5-5,5 liters of water per 25kg bag
Storage / Shelf life*	9 months
Application temperature	10 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, parquet, rubber : 48-72h Painted parquet : 48h
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 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 supports.

Here are some recommendations extracted from these documents :

	SURFACE	SPECIFIC PREPARATIONS AND VERIFICATIONS
NEW	Concrete slab	
	BAP Fluid cement screed	Elimination of the cure product
	Calcium sulfate screed	Measurement of residual moisture
	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
	Semi-flexible slab without asbestos	
	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 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
Calcium sulfate screed		GRIP A700 UNIVERSAL PRIMAPRENE UNIDUR N GRIP A500 MULTI GRIP A310 PROJECT	100-120 g/m ² /layer
Tile		GRIP A700 UNIVERSAL PRIMAPRENE UNIDUR N GRIP A500 MULTI	100-120 g/m ²
Traces of gluing			
Residue from patching			
Semi-flexible slabs			
Roofing		GRIP A936 XPRESS	80-100 g/m ²
Resin		GRIP A936 XPRESS	80-100 g/m ²
Parquet on joist		GRIP X910 FILL & WOOD	0,8-1 kg/m ²
CTBX-CTBH-0583 panels		GRIP X910 FILL & WOOD	0,6-0,8 kg/m ²
Asphalt screed		GRIP A936 XPRESS	100-120 g/m ²

MIXING

Measure 5-5,5 liters of clean, cold water into a clean mixing bucket. Gradually add the bag of Bostik SL C740 MAXI FIBRE 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 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.

APPLICATION

Application thickness :

A depth of 1mm to 40mm is permissible in a single application. For depths above 40mm, the product needs to be used as a blended compound and treated as a mortar.

If a second application of Bostik SL C740 MAXI FIBRE 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 1mm and 40mm.

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 C740 MAXI FIBRE 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 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 :

Tiling :	24 hours at +25° C
PVC, parquet, rubber :	48-72 hours at +25° C
Painted parquet :	48 hours at +25° C

CLEANING

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

Code	UC	PCB	PALLET	GENCOD
30519284	25 kg	1	48	3549212487836

SAFETY

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

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