



SL C910 SPEED 30

TWO-COMPONENT, RAPID SETTING SMOOTHING COMPOUND

Date: 01 October 2021

Fact Sheet No.: TDS01903

YOUR SMART ADVANTAGES

- Very quick drying
- Used as part of a fast-track system
- Ideal for refurbishments and new-builds

USES

Bostik SL C910 SPEED 30 is a two-part, rapid setting, high-strength, polymer modified underlayment system incorporating advanced cementitious technology. It is used for smoothing uneven floors prior to laying decorative floor coverings.

Bostik's Turbodry technology allows floor coverings to be laid in as little as 45 minutes, making it ideal for fast track installations or quick turnaround projects. It is suitable for depths from 2mm to 20mm.

Bostik SL C910 SPEED 30 is protein-free, so may be used in biologically sensitive installations.

Bostik SL C910 SPEED 30 can be laid over most common substrates including: concrete, sand/cement screeds, calcium sulphate screeds and other strong, rigid subfloors. Bostik SL C910 SPEED 30 should not be used over old adhesive residues (contact Technical Services for the appropriate smoothing compound). It should only be used on subfloors protected from moisture from the ground and residual construction moisture. Do not use prior to applying surface DPM's.

It is suitable for use with warm water underfloor heating systems, provided a surface temperature of +27°C is not exceeded, and in areas of high solar gain. It is not to be used as a wearing surface and should always be covered with a floor covering. For interior use only.

PRODUCT CHARACTERISTICS

Colour	Beige
Form	Powder and liquid

Composition	Blend of specialist cement and polymer liquid
Product Codes	30620300 20kg bag 30620336 4 litre polyjerries x 4
Storage/Shelf Life	Store and transport securely. Store for up to 6 months 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 excessive drafts, frost, damp, condensation and dew.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +25°C
Coverage	Approx. 4m ² to 5m ² per bag at 3mm depth Approx. 2.5m ² per bag at 5mm depth (depending on the smoothness of the floor surface & application technique)
Gauging Liquid	Bostik SL C910 SPEED 30 Polymer Liquid
Application Thickness	2mm to 20mm
Working Times	5 to 10 minutes after mixing (depending on ambient temperatures)
Drying Times	Light foot traffic: approx. 30 minutes Loose lay floor coverings: approx. 45 minutes Floor coverings: approx. 3 hours

	(<5mm depth at +20°C, depending on ambient conditions) Bond Floor Covering: 3 hours
Compressive Strength	Typically 30N/mm ² after 28 days
Flexural Strength	Typically 7.5N/mm ² after 28 days
Cleaning	Clean tools and equipment with warm soapy water immediately after use

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik SL C910 SPEED 30, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

All phases of installation should comply with the latest editions of:

- BS 8102 Code of Practice for protection of structures against water from the ground.
- BS 5325 Code of Practice for installation of textile floor coverings.
- BS 8203 Code of Practice for installation of resilient floor coverings.
- BS 8201 Code of Practice for installations of for flooring of timber, timber products and wood based panel products.

PREPARATION

Subfloor:

1. Ensure the subfloor is sound, clean, dry and of adequate tensile and compressive strength, free from loose material, laitance, cracks and structural defects.
2. The subfloor should be tested in accordance with British Standards. A reading of 75% RH or less confirms that the subfloor is satisfactorily dry.
3. Any contaminants that may hinder adhesion such as grease, oil, dirt, dust, plaster, some curing compounds, surface hardeners, additives and adhesive residues must be completely removed.
4. Any deep depressions in the floor should be filled with Bostik Rapid Repair Mortar and allowed to dry.
5. For optimum performance, a room temperature of +13°C to +23°C should be maintained for at least 24 hours prior to application. The temperature of the subfloor must be at least +5°C throughout the application and drying of the smoothing compound. Ensure that a maximum room temperature of +25°C is not exceeded during application.

Underfloor heating systems:

6. Warm water underfloor heating systems must be switched off for 48 hours before installation. Wait 48 hours after installation before gradually turning up underfloor heating. However, if no other heat sources are available, please contact Technical Services for

advice.

PRIMING

7. In all cases, the subfloor must be primed prior to the application of the smoothing compound, as shown in the table below. Priming of absorbent surfaces is recommended to prevent rapid drying of the smoothing compound and minimise the formation of pinholes. See separate technical data sheets for primer application and drying details.
8. When using Bostik SL C910 SPEED 30 over Bostik HYTEC A370 RAPID no priming is required. Refer to the separate technical data sheet for full details.

Absorbent substrates:	Bostik GRIP A526 UNIVERSAL (diluted 1:2 with water)
Dense/non-absorbent substrates including epoxy membranes:	Neat Bostik GRIP A526 UNIVERSAL
Calcium sulphate screeds:	Bostik GRIP E946 EPOXY (diluted 1:1 with water)
Applications in excess of 10mm of smoothing compound:	Bostik GRIP E946 EPOXY
Radiant underfloor heating systems:	Contact Technical Services

MIXING & APPLICATION DEPTH

9. Thoroughly shake the Bostik SL C910 SPEED 30 Polymer Liquid and pour the 4 litres into a clean mixing bucket. Gradually add the bag of Bostik Bostik SL C910 SPEED 30 powder to the liquid, 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. Use the mixture immediately.
10. The mixture will remain workable for approximately 10 minutes under normal conditions (+20°C). If the mix begins to stiffen before it has been spread, it must be discarded. Do not add further liquid or water.
11. Bostik SL C910 SPEED 30 can be applied from 2mm, up to 20mm in a single application, except for non-absorbent subfloors such as surface DPM's, which require a minimum of 3mm of Bostik SL C910 SPEED 30 to ensure adequate absorbency for subsequent adhesives.

APPLICATION

12. Pour the mixed material onto the prepared subfloor in a continuous operation and allow to flow.
13. Using a steel screeding trowel, spread evenly to the required depth and smoothness. The use of a spiked roller is highly recommended to de-aerate the product

and ensure a smooth surface is achieved, particularly between adjacent mixes of material. This must be done whilst the compound is still fluid. Do not use a spiked roller once the product has begun to gel or set, as this will create imperfections.

Note: on large projects it is advisable to work in teams of two, to ensure applications to existing wet edges can be maintained. Material left in the bucket will react much quicker and reduce its working time. For best results, apply immediately after mixing.

14. If a second application of Bostik SL C910 SPEED 30 is required, this can be carried out after approximately 60 minutes. Prime the first layer with Bostik GRIP A526 UNIVERSAL (diluted 1:2 with water) and allow the primer to dry before applying the second application.
15. Protect surface from traffic prior to laying a floor covering. Ensure the compound is fully dry before applying a floor covering.

DRYING TIMES

16. Protect freshly applied product from strong sunlight and through draughts, as this can dehydrate the product, resulting in incorrect curing. Also, protect from rain and frost. Do not force dry the smoothing compound, as this may affect the curing process.
17. The drying time depends on how absorbent the subfloor is, the air humidity and both the ambient & floor temperatures.
18. Ceramic, textile and vinyl floor coverings can be laid directly over Bostik SL C910 SPEED 30 after the following times:

Foot traffic:	30 minutes approx. (<5mm depth at +20°C)
Loose floor coverings:	45 minutes approx. (<5mm depth at +20°C)
Floor coverings:	3 hours approx. (<5mm depth at +20°C)
Other floor coverings:	Contact Technical Services

The working and drying times of the compound will be reduced in higher temperatures and increased in lower temperatures.

CLEANING

19. Clean tools and equipment with warm soapy water immediately after use. Remove surplus compound from surfaces whilst it is still wet. Cured material can only be removed mechanically.

PRECAUTIONS IN USE

Do not use as a substitute for a DPM.

Application in high temperatures may result in rapid setting and poor flow. The rapid loss of water may increase the risk of cracking. Do not force dry this product.

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik SL C910 SPEED 30, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS01903 / DOP: 400-21-3166

Product Description: **Bostik SL C 910 SPEED 30**
Product Code: **5010591012943 & 5010591013001**
Intended Use: **Cementitious screed material**
Manufacturer: **Bostik Ltd**
Contact Address: **Common Road
Stafford
ST16 3EH**
System of Assessment: **System 4**
Harmonised Standard: **EN 13813:2002**
Declared Performance: **CT-C25-F7**

Essential characteristics	Performance	Harmonised technical specification
Compressive strength	>30N/mm²	EN 13813:2002
Flexural strength	>7N/mm²	
Reaction to fire	F	

The performance of the product Bostik SL C910 SPEED 30 5010591012943 & 5010591013001 is in conformity with the declared performance shown in the table above.

This declaration of performance is issued under the sole responsibility of Bostik Ltd.

Signed for and on behalf of Bostik Ltd by:

Name: Marrienne Drayton

Function: Quality Manager

Signature: 

Date: January 2021

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