



# Cempolatex 2 Pack

## A LATEX SUB-FLOOR LEVELLING COMPOUND

Date: 25 November 2019

Fact Sheet No.: TDS00002

### YOUR SMART ADVANTAGES

- Flexible and rapid setting
- Self-levelling
- Suitable for use with underfloor heating

### USES

Bostik Cempolatex 2 Pack is a latex based self-levelling compound for smoothing uneven internal floors prior to laying decorative floor coverings. It has excellent bonding properties and good flexibility that accommodates the movement of closely fitted suspended flooring. Bostik Cempolatex 2 Pack is not suitable for exterior use or for use as a floor finish.

Bostik Cempolatex 2 Pack is suitable for use with underfloor heating provided a surface temperature of 27°C is not exceeded. The heating must be switched off for at least 48 hours before and after application.

Bostik Cempolatex 2 Pack is ideal for smoothing and levelling properly prepared concrete, sand/cement screeds, quarry tiles, rigid timber floors, stone, brick and terrazzo floors as well as asphalt floors.

### PRODUCT CHARACTERISTICS

Form	Powder and liquid
Colour	Powder Grey / Liquid White
Composition	Blend of cement, organic binders and fillers. Synthetic latex
Product Codes	30812538 5L 30812551 23 kg

### Storage/Shelf Life

Store for up to 6 months from date of manufacture when stored in the original, unopened packaging under cool, dry conditions within the temperature range of 5°C to 25°C. Protect from frost.

### TYPICAL PERFORMANCE DATA (approx.)

Application Temperature	5°C to 25°C
Coverage	Approx. 1.5m <sup>2</sup> at 10mm thickness Approx. 6m <sup>2</sup> at 3mm thickness
Working Time	Approx. 15 minutes at 20°C
Drying Times	Foot traffic: 1.5 hours approx. at 20°C To lay floor coverings: 12 hours approx. at 20°C Note: Drying/covering times will be extended at lower temperatures
Compressive Strength	>25 N/mm <sup>2</sup> at 28 days

### DIRECTIONS FOR USE

IMPORTANT: Before using this Bostik Cempolatex 2 Pack, refer to the relevant Health & Safety Data Sheet, available at [www.bostik.com/uk](http://www.bostik.com/uk).

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

- BS CP102 Code of Practice for protection of buildings 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.

## PREPARATION

1. Wear protective gloves, clothing and eyewear.
2. The freshly applied compound should be protected from rain, frost, high temperatures and conditions causing rapid drying.
3. Ensure the floor and air temperature remains above 5°C throughout application and during drying time.
4. Ensure the subfloor is clean, sound, dry, free from surface laitance and contaminants that may hinder adhesion, including surface hardeners, additives, oils, grease adhesive residue etc.
5. Asphalt should be primed using a slurry coat of Bostik Cempolatex 2 Pack comprising 1 part powder to one part liquid by volume. Apply thinly and allow to dry.
6. Ensure there is an effective damp-proof membrane that conforms to BS 8203: 1987.
7. Any cracks should be cleaned out and filled with a suitable patch repair mortar.
8. The subfloor should be tested in accordance with British Standards using a properly calibrated and insulated hygrometer. A reading of 75% RH or less confirms that the subfloor is satisfactorily dry.
9. Suitable for installations with fully commissioned underfloor heating, provided a surface temperature of +27°C is not exceeded. The heating must be switched off at least 48 hours before and after application.
10. Where radiant heat matting is used the levelling compound should be applied to a minimum of 5-6mm above the height of the mat.

## Wooden Floors:

11. Bostik Cempolatex 2 Pack can be applied over mosaic and wood blocks directly bonded to solid floors when there is an effective damp-proof membrane in or beneath the subfloor.
12. Bostik Cempolatex 2 Pack is suitable for use on stiff suspended floors constructed of plywood or tongue and groove boards provided there is adequate ventilation under the floor. The timber must be a minimum of 15mm thick and screwed down at 300mm centres.

## PRIMING

13. Prime very porous surfaces or extremely dry surfaces with Bostik Cempolay Universal Primer diluted with 2 parts water. Allow to dry before applying Bostik Cempolatex 2 Pack.
14. Prime non-porous surfaces with undiluted Bostik Universal Primer and apply Bostik Cempolatex 2 Pack.

## MIXING RATIO

### Levelling compound:

15. 23 kg Part A (powder) to 5 litres Part B (liquid).

### Filling compound for depressions or cracks:

16. 23kg Powder to 5 litres Liquid to 23kg sharp sand.

## MIXING

17. Shake Liquid before use.
18. Pour the powder into a bucket. Add the liquid slowly to powder, stirring until a smooth, creamy paste is attained, using a mixing paddle in a slow speed drill.
19. Do not mix more compound than you can use in approx. 15 minutes.
20. Do not re-temper or add water.
21. When adding sand always add after gauging powder.

## APPLICATION

### Flooring compound:

22. Pour the mixture onto the prepared subfloor, as a continuous operation and allow the flow to obtain a smooth finish.
23. Spread evenly to the required thickness using a steel trowel. Bostik Cempolatex 2 Pack can be applied to a maximum thickness of 5mm to a feather edge.
24. Leave for approximately 12 hours before applying floor covering.
25. Protect the surface from traffic prior to laying a floor covering.

### Filling compound for depressions or cracks:

26. Fill any deep depressions (20 - 25mm) using a mixture of Bostik Cempolatex 2 Pack and sharp sand. Trowel to a smooth finish. Allow 24 hours before proceeding, 48 to 72 hours if more than 50% of the floor is patched.

## DRYING TIMES

27. Under good site conditions Bostik Cempolatex 2 Pack will normally take foot traffic approx. 1.5 hours after application (at 20°C). The walk on time and setting time will be delayed if the powder has been stored at temperatures below 10°C or applied at temperatures below 20°C.

## CLEANING

28. Clean tools and equipment immediately after use with soapy water.
29. Do not allow to cure. Once cured it can only be removed mechanically.

## PRECAUTIONS IN USE

Do not use on floors with a flexible surface, e.g. plain edge boards. Do not use on boarded floors where joists are fixed directly to concrete because of lack of ventilation and consequent risk of decay. Do not use on tongue and groove chipboard flooring or floor boards with gaps.

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

Not suitable with u/f heating when sharp sand added as this reduces flexibility.

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 Cempolatex 2 Pack, available at [www.bostik.com/uk](http://www.bostik.com/uk).

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



**CONSTRUCTION PRODUCT REGULATION  
DECLARATION OF PERFORMANCE**

**No.:TDS00002**

Product Description: **BOSTIK CEMPOLATEX 2 PACK**  
Product Code: **5010591367074**  
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
Reaction to Fire	$F_{fl}$	<b>EN 13813:2002</b>
Compressive strength	$> 25 \text{ N/mm}^2$	
Flexural Strength	$> 7 \text{ N/mm}^2$	

The performance of the Bostik Cempolatex 2 Pack 5010591367074 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:** Alison Jamieson

**Function:** S.H.E.Q. Manager

**Signature:** 

**Date:** May 2014

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