

Cementone Concrete Floors & Kerbs

HEAVY DUTY EPOXY REPAIR MORTAR SYSTEM

Date: 19 August 2020

Fact Sheet No.: TDS00319

YOUR SMART ADVANTAGES

- High abrasion resistance
- Stronger than concrete
- For industrial floors, kerbs, ramps, steps etc.

USES

Bostik Rapid Repair for Concrete Floors & Kerbs is a fast curing two-part epoxy repair compound that provides granite hard permanent repairs. It is many times stronger and more durable than concrete and is ideal for heavy traffic areas. It bonds to most building materials without the need for a primer.

Bostik Rapid Repair for Concrete Floors & Kerbs is suitable for: patch repairs to concrete floors, steps, kerbs, slabs, pipes etc., repairs to spalled concrete, repairs to cracks in masonry & concrete and leveling uneven industrial floors.

PRODUCT CHARACTERISTICS

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|--------------------|--|
| Colour | Dark grey |
| Form | Mortar |
| Specific Gravity | 2.03 (mixed components) approx. |
| Composition | Two part epoxy (liquid hardener + base resin) |
| Product Code | 30812542 5kg bucket |
| Storage/Shelf Life | Store and transport securely in an upright position. Ensure the lid is fully closed. Store for up to 12 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost. |

TYPICAL PERFORMANCE DATA (Approx.)

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|-------------------------|---|
| Application Temperature | +5°C to +25°C |
| Service Temperature | -20°C to +50°C (depending on operating conditions) |
| Coverage | 0.15m ² per kg at 3mm thickness approx. (depending on application technique) |
| Curing Times | Light traffic: 8 – 12 hours at 20°C 7 days to achieve full chemical & mechanical resistance (depending on mortar thickness and drying conditions) |
| Working Time | 45 minutes at 20°C approx., 70 minutes at 10°C |
| Cleaning | Clean tools and equipment with water immediately after use. Do not allow to cure because the epoxy resin coating cannot be dissolved with solvents and is difficult to remove mechanically. |

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Rapid Repair for Concrete Floors & Kerbs, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

1. Ensure the surface is sound, clean and free from loose material, laitance, grease, oil, dirt dust and other surface contamination.
2. Feather edging is not recommended. Wherever possible saw cut around the perimeter edge.
3. Do not use at temperatures below 5°C.

4. Protective gloves are recommended.
5. Ensure there is enough time to complete the application. The full contents of the bucket have to be mixed together before use. This starts the curing process so all the product has to be used in one application.

MIXING

6. Add the full contents of the liquid hardener component into the base resin.
7. Use the bucket as a mixing vessel.
8. Use a mechanical mixer at slow speed to mix the two components to a lump-free consistency, usually about 5 minutes.
9. Pay particular attention to the sides and bottom of the bucket to ensure all contents are combined.

APPLICATION

10. This compound can be applied at thicknesses between 3mm to 25mm.
11. Some applications may require a temporary shutter.
12. Apply the compound with a trowel to the prepared area. Press the mortar well into the cavity and compact to ensure a good bond.
13. Smooth with a steel trowel.
14. Finishing may be aided as follows:
 - a. Thoroughly clean the trowel to remove any compound.
 - b. Wipe with cloth dampened with white spirit. Smooth once.
 - c. Repeat as necessary.

CLEANING

15. Clean tools and equipment with water immediately after use.
16. Do not allow Bostik Rapid Repair for Concrete Floors & Kerbs to cure because the epoxy resin coating cannot be dissolved with solvents and is difficult to remove mechanically.

PRECAUTIONS IN USE

Bostik Rapid Repair for Concrete Floors & Kerbs is not suitable for areas involving foodstuffs or anywhere there is a possibility of tainting.

Colour indicated on pack is a guide only. Shade variations may occur between different batches. When completing projects requiring multiple buckets, please ensure they are from the same batch.

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 Rapid Repair for Concrete Floors & Kerbs, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS00319

Product Description: **Bostik Rapid Repair for Concrete Floors and Kerbs**

Product Code: **5010591366855**

Intended Use: **Products and systems for the protection and repair of concrete structures**

Manufacturer:
Contact Address: **Bostik Ltd
Common Road
Stafford
ST16 3EH**

System of Assessment: **System 4**

Harmonised Standard: **EN 1504-3:2005**

Declared Performance:

| Essential Characteristics | Performance | Harmonised technical specification |
|------------------------------|--------------------|------------------------------------|
| Compressive strength 28 days | ≥ 10 MPa | EN 1504-3:2005 |
| Adhesive bond | ≥ 0.8 MPa | |
| Reaction to fire | Euroclass F | |

The performance of the product Bostik Rapid Repair for Concrete Floors and Kerbs 5010591366855 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: Marrianne Drayton

Function: Quality Manager

Signature: 

Date: June 2020

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Full information on these products and advice on application is freely available from our fully trained staff throughout the country. In addition, specialist technical advice is available from our Technical Services Department. This TDS supersedes all previous TDSs relating to the Products, and users of it must ensure that it is the current issue. Destroy all previous TDS, and if in any doubt, contact the Company, quoting the code number in the top right hand corner on the front of this document.

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| Safety Data Sheets | Tel: 01785 272625 | Fax: 01785 212962 | sds.box-eu@bostik.com |