



# Cementone Fire Cement

## FIRE BACK REPAIR COMPOUND

Date: 05 August 2016

Fact Sheet No.: TDS01649

### YOUR SMART ADVANTAGES

- Heat resistant to temperatures up to 1400°C
- Smoke-tight joints
- Dries like cement when exposed to heat

### USES

Bostik Fire Cement (formerly Cementone Fire Cement) is manufactured using only the finest quality materials. It is a ready-mixed asbestos-free blend of inorganic fillers and water based thermo-setting resins, which dries cement like when exposed to heat and is suitable for domestic applications. Bostik Fire Cement is tested up to 1400°C and has excellent adhesion to refractory brickwork and clayware.

Bostik Fire Cement is suitable for repairs to a wide range of applications where heat resistance is required including, fire backs, solid fuel heaters, boilers and other surfaces which may be exposed to extreme heat and are not made of metal or plastic.

### PRODUCT CHARACTERISTICS

Colour	Buff
Form	Paste
Specific Gravity	2.05 approx.
Composition	A blend of inorganic fillers and water-based thermo-setting resin
Product Codes	30812578 500g x 24 30812575 1 kg x 12 30812576 2 kg x 6 30812577 5 kg

### Storage/Shelf Life

Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 12 months from date of manufacture in original, unopened packaging under cool, dry conditions within the temperature range of +5°C to +25°C out of direct sunlight and away from any sources of heat and ignition. Protect from frost.

### TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +30°C
Service Temperature	-20°C to +1400°C
Coverage	1kg is sufficient for 9 metres of 14mm fillet
Drying Times	24 hours in good drying conditions
Solvent for Cleaning Up	Warm soapy water

### DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Fire Cement refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).

### PREPARATION

1. Surfaces must be dry, clean and free from grease, dust, loose material and any other surface contamination. Mechanically remove any loose or flaking material.
2. Wear protective gloves and suitable eye/face protection.
3. If using Bostik Fire Cement on porous refractory



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Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 [www.bostik.co.uk](http://www.bostik.co.uk)

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brickwork or clay ware, slightly dampening the surface with clean water will improve adhesion.

#### APPLICATION

4. Bostik Fire Cement is ready-mixed and can be applied straight from the container to the rebate with a trowel or knife. Ensure that it is pushed in firmly.
5. The cement will set on exposure to air.
6. The cement should be initially heated to 100°C for 4 hours. After this, the cement should be gradually heated to maximum operating temperatures to develop full adhesion and strength.
7. If any fine cracks appear, dampen with water, fill and smooth to ensure a long lasting smoke tight finish.

#### CLEANING

8. Clean tools and equipment immediately after use with warm soapy water before Bostik Fire Cement has dried.
9. Once dried, Bostik Fire Cement can only be removed mechanically.

#### PRECAUTIONS IN USE

Do not use Bostik Fire Cement in external applications where joints will be exposed to wet conditions. Do not use in metal joints due to movement and vibration. Not to be used as a fireplace screed or render, nor for barbecues or other outdoor applications. Not suitable for filling large voids, renderings or screeding. When using Bostik Fire Cement it is recommended that users apply a small amount of cement and allow to dry to determine colour suitability before commencing work. Shade variations may occur between batches. When completing projects requiring multiple buckets, please ensure that they are from the same batch.

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit [www.bostik.co.uk](http://www.bostik.co.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 Fire Cement, available at [www.bostik.co.uk](http://www.bostik.co.uk).

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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Sales	Tel: 0844 371 1192	Fax: 01785 241818	<a href="mailto:customer.service@bostik.com">customer.service@bostik.com</a>
Technical Advice	Tel: 0844 371 1197	Fax: 01785 272867	<a href="mailto:technical.service@bostik.com">technical.service@bostik.com</a>
Technical Data & COSHH (MSDS) Data Sheets	Tel: 01785 272625	Fax: 01785 212962	<a href="mailto:stafford.gatehouse@bostik.com">stafford.gatehouse@bostik.com</a>



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