



Fire Cement

REPAIR COMPOUND FOR FIRE BACKS, CHIMNEY LININGS INTERNAL FLUE PIPES & SOLID FUEL HEATERS

TECHNICAL SHEET NO: TDS01649 18/12/2023

SMART ADVANTAGES

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

DESCRIPTION

Bostik Fire Cement is a ready-mixed, asbestos-free blend of inorganic fillers and water-based thermosetting resins, which dries cement like when exposed to heat. Bostik Fire Cement is tested up to +1400°C and has excellent adhesion to refractory brickwork, concrete and clayware.

Bostik Fire Cement is suitable for repairs to a wide range of applications where heat resistance is required, including fire backs, chimney linings, solid fuel heaters, broken bricks in grates & stoves, boilers and other surfaces which may be exposed to extreme heat and are not made of metal or plastic. Bostik Fire Cement is suitable for sealing surfaces in contact with extreme temperatures e.g., open fireplaces, room heaters, stoves, central heating system and boilers.



TECHNICAL CHARACTERISTICS

Colour	Buff
Form	Paste
Specific gravity	2.0 approx.
Composition	A blend of inorganic fillers and water-based thermosetting resin
Application temperature	+5°C to +30°C
Service temperature	-20°C to +1400°C
Drying time	24 hours in good drying conditions (depending on ambient temperature, application thickness and humidity)

COVERAGE

- 1kg - 9mm x 9mm x 13mm fillet: 1.2 m
- 2kg - 9mm x 9mm x 13mm fillet: 2.5 m
- 5kg - 9mm x 9mm x 13mm fillet: 6.2 m
(depending on substrate texture & application technique)

APPLICATION

IMPORTANT: Before using Bostik Fire Cement, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

- Surfaces must be clean, dry, and free from dust, grease, loose material and any other surface contamination. Mechanically remove any loose or flaking material.
- If using Bostik Fire Cement on porous refractory brickwork or clay ware, slightly dampening the surface with clean water will improve adhesion.

APPLICATION

- Bostik Fire Cement is ready-mixed and can be applied straight from the tub.
- Apply to the rebate with a trowel or knife, ensuring that it is pushed firmly into the joints.
- The compound will set on exposure to air.
- Initially, heat the compound to +100°C for 4 hours. After this time, the compound should be gradually heated to maximum operating temperatures to develop full adhesion and strength.
- If any fine cracks appear, dampen with water, fill and smooth to ensure a long-lasting smoke-tight finish.

CLEANING

- Clean tools and equipment with warm, soapy water immediately after use.
- Once dried, the compound can only be removed mechanically.

STORAGE

- 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 in cool, dry conditions within the temperature range +5°C to +25°C, out of direct sunlight and away from sources of heat. Protect from frost.

PRECAUTIONS IN USE

Do not use Bostik Fire Cement in external applications where joints will be exposed to wet conditions, or in areas subject to constant water immersion. Do not use in metal joints due to movement & vibration, as a fireplace screed or render, or for barbecues and other outdoor applications. It is not suitable for filling large voids, renderings, or screeding. Bostik Fire Cement is not a gas sealant.

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 tubs, please ensure that they are from the same batch number.

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 Fire Cement, available at www.bostik.com/uk.

PACKAGING

Product codes		
	30812575	1kg tub x 12
	30812576	2kg tub x 6
	30812577	5kg tub

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