



Fire Cement

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

TECHNICAL SHEET NO: TDS01649 25/10/2024

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: 1.2m
 - 2kg - 9mm x 9mm x 13mm fillet: 2.5m
 - 5kg - 9mm x 9mm x 13mm fillet: 6.2m
- (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

This disclaimer is issued by Bostik Limited ("the Company") and applies to the use of any products supplied by the Company ("the Products") displayed on this Technical Data Sheet ("TDS"). Please read this disclaimer carefully before using any of the Products. Using this TDS and/or the Product constitutes your acceptance of this disclaimer. Its contents shall prevail over any directions of use and any disclaimer and/or exclusion or limitation of liability of the Company that may appear on the packaging of the Products.

This disclaimer sets out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to any user of the Products ("Product User") in respect of any use made or resale by the Product User, of any of the Products in this TDS.

This disclaimer does not affect the Company's liability for death or personal injury arising from the Company's negligence in respect of the Products, nor its liability for fraud, or fraudulent misrepresentation, nor any other liability that cannot be excluded or limited under applicable law.

The Company's total liability however arising and whether caused by tort (including negligence and breach of statutory duty), breach of contract or otherwise, arising in connection with the use made or resale by the Product User of any of the Products in this TDS shall be limited to the price paid for the Product by the Product User.

The Company shall not be liable to the Product User for any pure economic loss, loss of profit, loss of business, depletion of goodwill or otherwise, in each case whether direct, indirect or consequential, or any claims (including in respect of personal injury insofar as not caused by the Company's negligence) for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the use made or resale by the Product User of any of the Products in this TDS.

The Company shall not be liable to the Product User in relation to any loss for any use that is inappropriate or use that is otherwise than in accordance with the relevant instructions for use of the Products in this TDS or on the Product. Product Users are advised to confirm the suitability of the Products by their own tests.

This TDS covers just one of a large range of products supplied by the Company.

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 left-hand corner on the front of this document.

Telephone: 01785 272625
Sales: customer.service@bostik.com
Technical advice: technical.service@bostik.com
Safety data sheets: sds.box-eu@bostik.com

DISCLAIMER

Bostik offers this Technical Data Sheet ("TDS") for descriptive and informational use only. It is not a warranty, a contract or a substitute for expert or professional advice. Please also see the local product Safety Data Sheet for health and safety considerations.

The statements, technical information, data, and recommendations contained in this TDS are provided 'AS IS' and are not warranted or guaranteed in any way. They represent typical results for the products and are based on Bostik's research only. Since the conditions and methods of use of the products are beyond our control, Bostik expressly disclaims any and all liability and damages of whatever kind or nature that may arise from any use of the products, the results therefrom, or reliance on the information contained herein.

Bostik Ltd
Common Road,
Stafford, ST16 3EH, UK
Phone: +44 (0)1785 272625
www.bostik.com/uk

BOSTIK HOTLINE

Smart help +44 (0)1785 272625



All advice, recommendations, figures and safety regulations provided are based on careful investigations, as well as the current state of our experience and are without obligation. Although the documentation has been compiled with the greatest care, we do not accept any liability for inaccuracies, mistakes, typesetting or printing errors. We reserve the right to modify the respective product if we deem it necessary. Since the design, the quality of the substrate and the processing conditions are beyond our assessment, no liability can be accepted for work performed on the basis of this documentation. We therefore advise you to carry out practical tests on site yourself. Our general Terms and Conditions of Sale and Delivery apply to all our sales and deliveries.