

Date: 28 November 2013

Information Sheet No.: TDS01649

CEMENTONE FIRE CEMENT A WATERBASED REFRACTORY CEMENT

Cementone Fire Cement 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 use as a joint and gap filler to produce smoke tight joints. It is suitable for use up to a maximum temperature of +1250°C. Before using this product refer to the relevant Health & Safety Sheet.

Features

- Ready mixed
- Excellent adhesion to refractory brickwork and clay-ware
- Produces smoke-tight joints

Uses

- Repairing fire backs
- Internal flue pipes
- Solid fuel heaters and boilers

Product Characteristics

Colour Buff**Form** Paste**Specific Gravity** 2.05 approximately**Composition** A blend of inorganic fillers and water-based thermo-setting resin**Product Code**
540170 500g x 24
367395 1kg x 12
367401 2kg x 6
367418 5kg**Shelf life/storage** One year from date of manufacture when stored in original unopened containers in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight and away from sources of heat.
PROTECT FROM FROST

Typical Performance Data (approx.)

Service temperature -20°C to +1250°C (depending on operating conditions)**Application temperature** +5°C to +30°C**Coverage** 8.7m run of 14mm fillet per kg of product**Setting times** 24 hours in good drying conditions**Solvent for cleaning up** Warm soapy water

Directions for use

IMPORTANT

Before using Cementone Fire Cement, refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.uk.

Preparation

1. Ensure that the surface to which the cement is applied is dry, clean and free from grease, dust or loose material. Mechanically remove any loose or flaking material. Wear gloves and suitable eye/face protection.
2. If used on porous refractory or clay-ware, slightly dampening the surface with water will improve adhesion.

Application

3. Apply the cement straight from the container to the rebate with a trowel or knife, and ensure that it is pushed in firmly.
4. The cement will set on exposure to air.
5. 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.

6. If any fine cracks appear, fill and smooth to ensure a long lasting smoke tight finish.

Cleaning

7. Uncured Cementone Fire Cement can be removed with warm soapy water.
8. Once cured Cementone Fire Cement can only be removed mechanically.

Precautions in Use

Do not use Cementone 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 be used as a fireplace screed or render, nor for barbecues or other outside applications. Not suitable for filling large voids, rendering or screeding.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Cementone Fire Cement.

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