

Product Information:

Fire Guard Heat 568

Silicate-based fireplace cement**General description and application:**


Fire Guard Heat 568 is a silicate-based fireplace cement, and it has been special developed to meet the specification of structural high strength. It is suitable to be used as putty for fireplace and also for assembling of stones in furnace; gluing joints around chimneys and repairing cracks.

Fire Guard Heat 568 can be also recommended for gluing glass fibre seals around fireplace door as well as repairing of exhaust pipe of car.

Fire Guard Heat 568 has an ideal rheology and is easy to work with. After curing, it offers an excellent crack-resistance, and joints are capable of withstanding temperature up to 1200 °C.

Fire Guard Heat 568 is not recommended to be used in the place where capability of movement is required.



Member of  Danish Association of Sealant Applicators & Manufacturers.

Physical / chemical properties:**Cement:**

Type: Silicate-based.
 Texture: Paste, thixotropic
 Density: 1.5 kg/litre.
 pH: 11
 Shelf life: 1 year in unopened package, if stored cool and dry.
 Packaging:

Item no.	Colour	Size
56835	Dark	300 mL cartridge

Cured cement:

Paintable: No
 Hardness: Hard as concrete.
 Maximum movement: 0%
 Resistance: The cured cement maintains all properties from -20 °C to + 1200 °C.

Directions for use:

Surface Preparation:

All surfaces must be clean, dry, and free of grease, dust and loose particles.

We recommend a thorough cleaning with a wire brush, sanding or degreasing solvent.

In practice, variations can occur in the different materials, therefore it is always recommended to carry out sufficient bonding tests before commencing - in particular larger - applications.

Application temperature:

Can be applied at temperatures between +5 °C and +40 °C.

Application:

The tip of the cartridge is cut off with a sharp knife after which the tip is cut with an inclined cut, which be a little smaller than the width of the joint. The product is applied by using a hand- or pneumatic gun. Press product in good contact with the substrates.

The product should be dried for at least 24 hours. The fireplace is recommended to be heated up slowly for the first time so that any excess water will be evaporated from the product.

Curing:

Skin formation: approx. 20 minutes at 23 °C and 50 % RH.

Curing time: 1 day at 23 °C and 50 % RH.

The curing time is increased at lower temperatures and lower humidity in the air.

Cleaning:

Tools can be cleaned - and uncured cement can be removed with water.
Cured cement can be removed mechanically.

Health and safety:

For further information on safety, refer to product safety data sheet.

The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.

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