

Code	Description	Size	Colour
20190	Gorilla Fire Cement Sealant	310ml	Black

1. Description

Gorilla Fire Cement Sealant is a single component ready to use heat resistant sealant which cures to form a hard seal. It withstands temperatures of up to 1500°C.

2. Characteristics

- Heat resistant up to 1500°C
- Does not contain asbestos or other harmful components
- Hard setting
- Does not crumble or crack after cure

3. Technical Data

Consistency	Stable Paste
Curing System	Physical Drying
Shrinkage	None
Specific Gravity	Ca 1,82g/mL
Temperature Resistance	Up to 1500°C

4. Applications

Sealing of joints and openings at furnaces, heating systems, central heating systems, barbecues, etc. Heat retardant sealing at existing constructions.

Note: Final curing only occurs once the Gorilla Fire Cement is heated above 450°C for a period of 30 minutes

5. Packaging

Cartridge 310mL (net content)

6. Shelf Life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°. Do not expose to frost.

7. Application Instructions

Surfaces

Type: brickwork, concrete, metals
 State of Surface: clean, dry, free of dust and grease
 Preparation: slight moistening of the surface will increase adhesive strength

Due to the range of substrates on the market recommend preliminary compatibility tests prior to commencement of application.

Joint Size:

Minimum Width: 5mm
 Maximum Width: 15mm

Application

Method: caulking gun, spatula, trowel
Application temperature: +5°C to +30°C
Clean: with water
Repair: with Gorilla Fire Cement Sealant

Remarks:

- A slight heating up of the installation during 12 hours after application of the Gorilla Fire Cement Sealant will prevent the forming of bubbles and improve the sealant structure
- Do not apply in situations where constant water immersion is possible
- **Note:** Final curing only occurs once the Gorilla Fire Cement is heated above 450°C for a period of 30 minutes

Approvals:

- Test Report 7830 – University of Ghent to · NBN 713.020
- BS 476:Part 20 – Warrington Fire Research Report C81770

Test Results – Test Report 7830:

Wall Thickness	Width of Joint	Depth of Joint	Application	Fire Rating
200mm	10mm	45mm	Unexposed side of the wall	120 min. TI 120 min. FR Rating: EI 120

TI = Thermal Insulation; the time during which the temperature on the unexposed side of the wall does not rise by more than 180°C

FR = Flame Resistance; the time during which the joints stops flames from penetrating the wall

Fire Rating: Draft European Commission Decision RG N170 REV.1

8. Health and Safety Recommendation

- Apply the usual industrial hygiene.
- For more detailed information, please refer to the SDS.

Remark

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