

## MASTIC REFRACTAIRE HT 422

### FUNCTIONALITY

#### **Ready-to-use sealant and adhesive formulated for manual use.**

- Assembly of heating equipment, assembly of boiler components, chimney inserts, stoves and cookers.
- Assembly of firebricks in fireplaces and industrial furnaces, repair of cracks.
- Assembly of flues, heat recuperators, etc.

For assembly of insulating panels (rock wool or fibreglass), one of our refractory adhesives is recommended.

### Technical characteristics

Appearance	Paste (workable with a spatula)
Colour	Black
Density	2.06
pH	12.9
Brookfield Viscosity RVT-E at 0.5 rpm (20 °C)	7,000 Pa.s
Solids content	84%
Maximum usage temperature	1,300 °C incombustible (does not give off fumes)
Particle size	< 150 microns

### Use

#### **Preparation**

- The surfaces must be clean and free from dust and grease.
- We recommend wetting porous surfaces (bricks for example) to improve adhesion.

#### **Directions for use**

- Coat the parts to be assembled or jointed using a spatula; fill in cracks until no more material will go in.
- Smooth to obtain the appearance of cast iron.
- Leave to dry for 48 hours at 20 °C before gradually heating without exposing the surface to a direct flame. As drying relies on evaporation of water, this depends on the temperature and humidity conditions and the thickness applied.
- The mastic has its optimum characteristics after firing.

#### **Material cleaning**

- Clean material with water (hot if possible).

### Storage

Store between +5 °C and +30 °C.

At 20 °C, the shelf life of the product in its original, sealed packaging is 30 months.

## Comments

Keeping the product at higher temperatures may, in some cases, modify the end characteristics of the product. The product must not be used in contact with water, where there is a lot of moisture or for technical jointing (heavy components, subject to impact and vibration for example) and the thickness of the product must be kept to a minimum (> a few mm).

The product is not suitable for jointing on glass or enamel surfaces.

The sealant may settle. If so, remove the supernatant or mix the product before use.

The Safety Data Sheet is available online at [www.quickfds.com](http://www.quickfds.com). The information provided in this data sheet is given in good faith and is the result of measurements done in our laboratory. Given the number of materials, the quality differences and the diversity of working methods, we recommend that users carry out preliminary testing under actual conditions of use.

This document may be modified without warning in line with changes to the products or according to our knowledge. We therefore recommend that you check that you have the latest version before using the product.



GEB SAS – BP 62062 – Tremblay en France  
95972 Roissy Charles de Gaulle Cédex - France  
Tel. +33 (0)1 48 17 99 99 - Fax +33 (0)1 48 17 98 00  
SIREN No.: 500 674 056

**[www.geb.fr](http://www.geb.fr)**

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