

MASTIC REFRACTAIRE 422

REFRACTORY SEALANT

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.
- Excellent adhesion, particularly on cast iron, metal and refractory brick.

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

Technical characteristics

Characteristics	Specifications
Appearance	Paste (workable with a spatula)
Colour	Black
Density	2.06
pH	12.9
Brookfield Viscosity RVT-E at 0.5 rpm (20 °C)	7000 Pa.s
Solids content	84%
Maximum usage temperature	1300 °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.

Instructions 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).

Safety precautions

The Material Safety Data Sheet is available on the Internet on www.quickfds.com or on www.geb.fr .

If the product is subject to detergent regulation : Component list available on request at reach@geb.fr

If the product is subject to biocide regulation or if it contains a biocide to protect it : Consult the Material Safety Data Sheet - Please use the products responsibly.

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.

Storage

Store at a temperature between +5°C and +30°C.

The expiry date on packaging is for unopened product stored at 20°C in normal hygrometry conditions.

Packaging and waste sorting

Refer to the information on the product and to the applicable local regulations.

The information contained on the technical datasheet is provided in all good faith and results from measurements made in our laboratory. Given the number of materials, differences in quality and diversity of working methods, we recommend that users perform tests prior to application under actual conditions of use.

This document may be amended in keeping with product development and the state of our knowledge without prior notice and therefore it is recommended to check on <http://www.geb.fr> that you have the latest version before use.