

Technical Data Sheet Fuoco 1500

Ver. 5.0 December 2021

Fuoco 1500

Refractory putty

DESCRIPTION

Silicate-based sealant mastic for high temperature applications. For filling and insulating cracks in direct contact with fire. Without asbestos.

AREAS OF APPLICATION

Insulation and sealing works that require heat resistance in fireplaces, ovens, fireplaces, barbecues and stoves. Adheres to aluminium, iron, steel, natural stone, brick and concrete.

FEATURES

- Fire resistant up to 1500 ° C
- Resistant to direct fire
- Can be painted and sandblasted
- Great filling capacity

TECHNICAL DATA

Appearance	Pasty liquid
Color	Dark gray
Density [g/cm ³] (NPT method 06) (23°C and 50% RH)	ca. 2.04
Solubility in water	yes
Open time/23°C [min] (NPT Method 17) (23°C and 50% RH)	ca. 4
Curing through volume [mm] (24h - 23°C and 50% RH)	ca. 2
Boiling point [°C]	ca. 102
Application temperature [°C]	From +5 to +40
Temperature Resistance [°C]	From -20 to +1500

APPLICATION

Surfaces must be solid and clean; if porous it is preferable to moisten them slightly. If using masking tape, remove it immediately after smoothing, to be done with water and a spatula.

Remove the top part of the threaded top screw on the plastic nozzle and cut it at an angle according to the desired bead thickness and profile. Fit the cartridge into a manual or pneumatic air operated gun (provided with telescopic piston) and extrude the sealant carefully preventing air entrapment.

Do not apply at temperatures <0 ° C.

After 24 hours the support can be considered ready and by gradual heating (rather slow up to 250 ° C, in order to avoid the formation of bubbles) the final hardening is reached; any small cracks (due to the physiological shrinkage of the product) can be eliminated with a normal finishing overcoat.

CLEANING OF EQUIPMENT AND PERSONAL PROTECTIVE MEASURES

The fresh product can be cleaned with water or a wet rag.

Once hardened, the product can be removed mechanically.

PACKAGING

Cartridge - 580 g: 12 cartridges per box

STORAGE AND SHELF LIFE

Fuoco 1500 can be stored for 12 months from the date of production, in unopened containers and dry and cool environments (temperatures between 5 and 25 ° C); fears frost.

GENERAL INFORMATION

The information contained in this technical data sheet is to the best of our knowledge correct, being based on our knowledge and experience to date and cannot be used as a guarantee, due to the various different materials present on the market and the fact that the application conditions are not under our direct control and supervision. NPT srl, however, guarantees constant product quality. NPT srl, has the right to modify or up-date this technical data sheet according to requirements. Customers are kindly requested to verify that they are in possession of the latest version.

ALWAYS CONSULT THE MATERIAL SAFETY DATA SHEET BEFORE USING THE PRODUCT