

HEAT FIGHTER

1 – DESCRIPTION

HEAT FIGHTER is one-component silicate based joint filler for high-temperature applications. Insulation and filling of cracks. Outstandingly workable and smoothable.

2 – PROPERTIES

- Resistant up to +1500°C
- Resistant to direct flame
- Fast dry
- Can be used on all porous surfaces such as brick, concrete etc.
- Very easy to apply and clean
- Suitable on natural stones
- No fragmentation or cracking after curing
- Low odour

3 - APPLICATIONS

Insulation and sealing works requiring heat-resistance. Insulation of joints and filling of cracks in chimneys, ovens, fireplaces and stoves, suitable for sealing soot doors.

Adheres to metal, stone, brick and concrete substrates. Exercise care during any contact with metal, since metal moves when exposed to temperature whereas sealant does not.

4 - INSTRUCTIONS

The surfaces must be clean from dust, loose particles and oil. Non-porous surfaces should be cleaned with solvent and a clean, non-fluffy cotton cloth. Solvent rests should be removed before evaporating with the clean cloth. Very porous surfaces should be previously slightly moistened. After application, smooth the surface with a rubber silicone scraper or putty knife and remove excess material. In some cases, it is more convenient to use plaster spatula. After the final solidification, slowly heat the sealant up to +250 °C. As the result of heating, the mass will turn dark grey and become extra-hard.

Uncured sealant, use a cloth dampened with water. Cured sealant can be removed mechanically only.

5- PACKAGING

Product	Volume	Package
Black	310ml	12

6- STORAGE AND SHELF LIFE

12 months if stored properly.

7- RESTRICTIONS

Not suitable in moving joints and in contact with materials that expand or contract when exposed to temperature.

8- TECHNICAL PROPERTIES

Basis	: Sodium Silicate	
Consistency	: Paste	
Skin Forming Time	: 3-5 min	(23 °C and 50% R.H)
Specific gravity	: 2,04 ± 0,02 gr/cm ³	(ASTM D 792)
Curing Rate	: 2 mm/day	(23 °C and 50% R.H)
Shore A hardness	: 75 ± 5 Shore A	Before heating
Temperature resistance after curing	: short time up to +1500°C	
Application Temperature	: +5°C to +35°C	