



HYDRA®

FIRE PROOF SEALANT



PRODUCT DESCRIPTION

Fireproof sealant (1250°C) for sealing seams, pointing and gaps and repairing cracks in fireplaces, multi-burners, stoves and chimneys.

FIELD OF APPLICATION

Suitable for sealing seams, joints and gaps and repairing cracks in (open) fireplaces, multi-burners, stoves and chimneys. Bonds to metal, stone, brick and concrete.

Not suitable for central heating systems and gas pipes.

PROPERTIES

- Non-shrinking
- Glass fibre-reinforced

PREPARATION

Working Conditions: Only apply at temperatures between +5°C and +40°C.

Surface Requirements: Remove any existing sealant residue.

Preliminary Surface Treatment: Degrease metals with degreaser. Slightly moisten porous surfaces.

Tools: Sealant smoother, Putty knife

APPLICATION

Coverage: 1 pot for 10 m of joint, joint 6 x 6 mm.

Directions for use:

Cut off screw thread, assemble nozzle and cut at an angle to the desired joint width.

Slightly moisten the joint with water before applying. Inject the sealant evenly into the joint and tool with a wet putty knife.

Remove excess sealant immediately with water. **IMPORTANT:** Allow to dry for at least 24 hours (cover from rain showers in outside use). Then heat gently (gradually increase the temperature) until the sealant has fully cured. When applied, the sealant is black, after it has been fired the color becomes lighter (depending on the temperature). Properly close the container immediately after use.

Stains/residue: Remove wet stains immediately with water. Cured sealant residue can only be removed mechanically.

Advice: Usage in electrical equipment can be hazardous with regard to the conductivity of the product.

Points of attention: Exposure to heat before the sealant is completely cured may result in the forming of tears or bubbles and even to crack and fragment the sealant. Do not use in permanently wet areas.

TECHNICAL SPECIFICATIONS

Chemical base:	Water glass
Colour:	Black
Density approx.:	2,10 g/cm ³
Drying/Curing time approx.*:	24 hours, then gently stir until the sealant has cured.
Elasticity:	Nil
Filling capacity:	Good
Maximum temperature resistance:	1250 °C
Moisture resistance:	Good
pH-value approx.:	12
UV resistance:	Good
Viscosity:	Pasty

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

STORAGE CONDITIONS

At least 24 months in the unopened package and stored between +5°C and +25°C.

Limited shelf life after opening.

Store in well-sealed packaging in a cool, dry and frost free place.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.