HERMETIC™ GLUE – PROPERTIES AND USAGE

HERMETIC ™ ceramic adhesive is a semi-fluid, dark grey paste. It is produced on the basis of aluminosilicates and is resistant to high temperatures (up to 1100 degrees C).

HOW THE GLUE WORKS

The glue works in two ways.

The bond between the adhesive and the substrate is of the chemical type. The decisive factor here is the adhesion between the adhesive and the substrate, i.e. steel or cast iron.

The bond between the glue and the gasket is mechanical.

While "binding" of the glue, the layer of fibers, which have been pressed into the glue during the laying of the gasket, is trapped. The mixture requires air to harden.

HOW TO USE

- after removing the used gasket, clean the surface from the remains of the old glue and degrease (rinse with denatured alcohol), if the previous glue was from the group of silicones;
- spread the glue evenly over the bottom of the groove; the glue path should be approx. 2 mm thick (do not spread the glue too thickly, because when laying the rope, the glue will be squeezed out to the sides);
- start laying the rope from the centre of the lower, horizontal groove; the rope should be pressed evenly and sensitively into the glue; since the initial grip of the rope by use of the glue is quite weak, the unglued part of the rope should be supported with the other hand;
- after laying the rope, check along the entire length of the groove if the glue has not been squeezed out from under the rope; if it is the case, remove it with a wet cloth;
- by closing the door you will allow to get the gasket right; then open the door to increase air access to the glue;
- when wet, the glue damages the glass fibers; this process is intensified by high temperature, therefore it is necessary to wait 8-10 hours for the glue to get set and dried thoroughly;

Now you can kindle in the fireplace!