

# KERAMAB® GPE CORD

## Description:

**KERAMAB® GPE CORD** is a slightly mastic sealing cord. It is available in various diameters.

## Composition:

**KERAMAB® GPE CORD** is a twisted rope, impregnated with a mastic/elastic synthetic material and does not contain asbestos. The cord consists of yarns containing aluminium silicate fibres. The product is impregnated with a mixture of synthetic resin based on acryl resin, inorganic fillers and a pigment.

The solid content is approximately 95 %

approx. 32 % Aluminium silicate fibres

approx. 28 % Inorganic fillers

approx. 35 % Synthetic resins based on acrylic acid ester copolymers

approx. 5 % water modified with a small quantity of emulsifiers

## Application:

**KERAMAB® GPE CORD** is especially developed to seal boiler sections. It can also be used as a jointing material between the flue gas collector and the boiler unit. The special properties of the product give a permanent seal, effectively stopping combustion gases escaping to atmosphere.

This characteristic makes the product highly suitable for the sealing of boiler sections which are either pressurized or non-pressurized, when the burner is in operation. Various other sealing applications are also possible.

## Properties:

**KERAMAB® GPE CORD** is ready to use, has slightly sticky properties and is mastic when exposed to pressure. Under normal conditions the cord will keep its mastic/elastic properties. The outer surface of the sealing cord when exposed to high temperatures will form a refractory insulating skin; within the cord, however, the material will retain its characteristics.

## Usage:

Depending on size and capacity, a boiler unit may consist of a number of sections to be mounted. Each section will have a joint face or groove on which a **KERAMAB® GPE CORD** of the correct diameter should be placed. To avoid leaks it is important that the sealer cord's ends are well-connected. If the cord cannot be placed firmly into the groove, it is recommended to prepare the surface of the groove beforehand with a strong adhesive.

## Packaging and storage:

Standard packaging:

**KERAMAB® GPE CORD** is supplied on spools, packed in plastic bags.

The length of the cord on each spool depends on the diameter of the cord. Non-standard length and diameters can be produced to order, subject to quantities required.

Storage Under normal storage conditions the product can be stored approx. 1 year.