

Processing instructions

BUROFIX®

The specifications listed in this document are to be observed when processing and installing the respective adhesive / mortar! Modification of or deviation from the processing specifications can lead to considerable installation problems and possibly to a complete failure of the installed refractory material! This processing specification describes general guidelines for the storage, processing and installation of the refractory material specified. If, e.g. due to individual construction site conditions, it seems necessary to deviate from the procedure described here, be sure to consult Refratechnik Ceramics GmbH before processing!

General:

- BUROFIX is a ready-to-use adhesive with siliceous/chemical bond, supplied in 20kg plastic buckets. It is stirred at the building site with an agitator.

Storage:

- In general: store in a dry, cool and frost-free place!
- The shelf life specified on the product information applies when stored according to our recommendations and from the production date. This date is printed on the package.
- In case of incorrect storage, a product can become unusable or its quality limited well before the expiry of the specified shelf life.
- The original shrink wrap foil should be left around the pallets for as long as possible for additional protection. The pallet protection foil does not replace storage under cover.
- Stacking of the goods delivered by us (plastic buckets, hobbos, etc.), is at the liability of the forwarder or customer. Refratechnik Ceramics GmbH bears no responsibility for any resulting con-

sequential damages (damage to the packaging, personal injury, etc.).

Health and safety:

- Always use suitable eye protection, dust mask, protective clothing and work gloves!
- Direct skin contact should be avoided due to alkaline reactions.
- Wash thoroughly after processing the material!
- Observe the safety data sheet!

Mixing:

- A clean agitator is required for mixing.
- Mix the adhesive well before use and dilute with water if necessary.
- Always mix complete packaging units (1 bucket). Processing of partial quantities can lead to demixing and deviating material properties.
- Mixing time approx. 1 minute.

- The water temperature should be between 15 and 25°C, but should under no circumstances be below 5°C.

Processing:

- Store material in a dry place until use! Only process at over 5°C.
- The surface needs to be free of dust and loose particles, slag etc. Sometimes it is advisable to wet the surface with the silicate binder beforehand to achieve better adhesion.
- It is not possible to use dried on / dried out adhesive residues.

Setting – curing:

- Low temperatures (<10°C) may delay or even prevent the setting process. To shorten the setting time, air preheating should be carried out (e.g. with a radiant burner). Under no circumstances should the mass freeze during the hardening process. It may be necessary to heat the installation site itself.
- At temperatures above 25 °C the setting process can be considerably accelerated.

Drying - heating:

After application, air dry for at least 12 hours before starting the actual heating process. The adhesive does not contain any hardener, so the green strength (after

24 hours of air) is only moderately developed and it needs to be heated to 150°C to achieve the final strength.