

SFIBRAL A1 high temperature adhesive

Non-flammable, solvent-free 1-component industrial adhesive based on sodium silicate solution with bonding agent and mineral filler. In the event of fire, the adhesive does not release any harmful or flammable substances, does not smoke and does not drip off in a burning manner.

Technical data and properties

Building material class:	A1 according to DIN EN 13501-1 noncombustible (test certificate applied for)
Temperature resistance:	1,000 °C
Drying:	physical drying by evaporation of the water content; drying depends on room temperature and air humidity not permanently waterproof
Open time:	10 - 15 minutes dependent on temperature, air and material humidity, as well as the absorbency of the materials.
Curing:	after approx. 24 hours (+20°C)
Full curing:	approx. 1 week
Density:	approx. 1.6 g/cm ³ wet (approx. 1.3 g/cm ³ dry)
Consumption:	approx. 800 - 1.000 g/m ² depending on the surface finish
Storage:	in closed containers, protected from frost
Shelf life:	6 months
Delivery form:	ready-to-use paste-like adhesive
Sales unit:	Plastic bucket, plastic tubular bag

Processing

The surfaces to be bonded must be dry and free of dust, grease and oil.

The adhesive must be stirred well before application, please knead the hoses.

The viscosity of the adhesive depends on the temperature. The most favourable processing temperatures are between +10°C and +20°C.

Bonding and curing below +5°C is not recommended.

The adhesive is applied manually with a notched trowel. The adhesive can be applied on one side, but care must be taken to ensure optimum cross-linking of the adhesive, e.g. by rotating the parts to be bonded. No film should form on the adhesive surface before bonding.

The tools used should be cleaned with water immediately after applying the adhesive.

Close opened buckets tightly and use up hoses quickly.