

## Kerafix<sup>®</sup> Sosilit

### Construction material classification A2 according to DIN4102-1

#### Product Description

Kerafix<sup>®</sup> Sosilit is a construction material that expands in fire conditions. It creates high foaming pressure during expansion and will begin to expand at low temperature and then forms thermally insulating foam.



#### Application Areas

- Fire protection for doors from wood, steel or aluminium
- Safety cabinets, control cabinets
- Gas stop valves
- In drywall construction, inspection flaps, separating walls and ceiling constructions
- Pneumatic drives/valves

#### Technical Data

Composition	Halogen free, foaming construction material on the basis of silicate
Material Structure	Firm flexible panel material
Raw density (kg/m <sup>3</sup> )	1400 (± 10% at 2mm)
Start of expansion °C	ca 100
Foaming rate	10 times (350°C, 30min without load)
Direction	flat
Forming inflatable body	Hard compact, ceramic material
Foaming pressure (N/mm <sup>2</sup> )	At least 0.8

#### Availability

Without additional lamination

Variant E - completely encapsulated with PVC,

Variant T – airtight sealed strips in aluminium

Standard colours for encapsulating – red, black and white (other colours on request)

All variants – cut formats or formed parts according to DIN 7715-5 can be sold with adhesive

Sizes – 2100mm x 1100mm – 0.2mm / +0.3mm, thickness – 2mm

Special formats available on request. The product is manufactured on the basis of the general tolerance DIN ISO 2768-1. Please observe our information for processing and the safety data sheet.