

# PYRO-SAFE NOVASIT K2 fire protection mortar

Fiber-free dry mortar according to EN 998-2; mortar class M 20.



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## Product description

### Fields of application

Fire protection mortar (Fire behaviour class A1 according to DIN EN 998-2).

Universally applicable within the range of massive walls and floors for

- penetrations of isolated metallic pipe
- fire- and smoke-resistant sealing of single lines according to MLAR
- joints around climatic and air ducts, fire dampers, fire protection doors, valves
- filling the voids of door steel frames

### Product features

One-component, hydraulically hardening; applied by spraying, pressing and manual installation; free from fibres, phenols and halogens, ageing resistant.

### Fire rating of systems

Up to 4 hours

### Applicability certificate

Tested and approved according to national and international standards as e.g.:  
DIN, EN,  
other standards on request

Pipes

Joints

## Technical Data

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### Handling

- Application temperature > +5 °C
- Application time app. 2 - 3 hours
- Fully cured time app. 28 days
- Surfaces must be firm and free from adhesion-reducing substances and dust.  
Absorbent surfaces are to be pre-wetted with water.
- The consistency of the mortar has to be adjusted in such a way that all openings are cavity-free filled.

### Ordering information

Bag of 25 kg

### Storage

Cool and dry.

### Safety instructions

Please refer to our MSDS (safety data sheet).

### Technical data

Colour	grey
Gross density (wet mortar)	2.000 ± 100 kg/m <sup>3</sup>
Gross density (dry mortar)	1.75 - 1.85 kg/dm <sup>3</sup>
Pressure resistance	≥ 20 N/mm <sup>2</sup> (M 20)
Water resistance quality (dry mortar)	water repellent
Water absorption acc. to EN 1015-18	≤ 0.4 kg/(m <sup>2</sup> * min <sup>0,5</sup> )
Consumption	4.0 - 4.5 l water + 25 kg dry mortar ≈ 15 l ready-to-use wet mortar ≈ 15 l volumes after curing time

### Applied systems

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- PYRO-SAFE Pipe seals for combustible pipes