

- Special mortar to solidify fire dampers and fire doors in ceilings and walls.
- Grouting of pipe penetrations
- Mortaring of air channels



PRODUCT DESCRIPTION

THERMAX® Masonry mortar, cement-bound. The mortar was tested in acc. with EN 998-2 and classified in the mortar group 10 (acc. to DIN V 18580: NMIII). It is made of stan-

dardized binder (Portland cement acc. to EN 197-1) and remuneration additives to im-prove the fresh and hardened mortar properties.

THERMAX® BRANDSCHUTZMÖRTEL M10

Technical data

Fire class	A1
Mortar group (acc. to EN 998-2)	M10
Granulation	0 – 1 mm
Hardened mortar density	> 1,6 kg/dm ³
Compressive strength	> 10 N/mm ²
Flexural strength	> 4 N/mm ²
Processing time	about 2 hours at 20 °C
Low chromate	

Application

THERMAX® Brandschutzmörtel M10 is a dry mortar. It is used for fire protection mortaring of fire dampers and fire doors in ceilings and walls. Grouting of pipe penetrations. Grouting of air ducts.

Processing

THERMAX® Fire Protection Mortar M10 can be mixed manually and with stirring device and produced in large quantities with all mixing and plastering machines. When scheduling mix thoroughly and after a short maturation period of about 10 minutes, the mortar is again to mix through and adjust to the final consistency. Due to its consistency, the mortar has good pump and flow properties; it has a good adhesive strength and thus optimum sub-strate adhesion.

Processing temperature and time

The processing temperature should be at least +5 °C. The processing time varies depending on weather conditions and po-rosity of the substrate as well as mixing ratio

Mixing ratio

THERMAX® Fire Protection Mortar is mixed with water without any addi-tives. It is recommended following mixing ratio: 25 kg mortar to 7.5 liters of water.

Fertility

One bag of dry mortar (25 kg) mixed with water depending on the con-sistency, arise when properly mixing a fresh mortar amount of approx-imately 18.5 liters = 0.0815 m³

Storage

Dry storage on pallets or wooden grids and protect against drafts. Storage time should not exceed 6 months form date of production.

Installation

THERMAX® Fire Protection Mortar is applicable to all load-bearing surfaces inside and outdoors. The surface must be clean and free from loose parts. Highly differently absorbent substrate should be pretreated accordingly. Metal sheets must be free of grease.

Surface treatment

After placement pull, felt or even out the surface. After drying deal as the adjoining walls or ceilings.

Cleaning

Wash mortar from the skin with water. Clean work equipment and soiled walls or floor with water.

Safety instruction

Mortar has a strong alkaline reaction with moisture, therefore protect skin and eyes. In case of contact rinse thoroughly with water. After eye contact consult doctor immediately.

Identification

The labeling of the bags correspond to the current legal status.

Form of delivery

Paper bags with polyethylene film, content: 25 kg.

Quality monitoring

The **THERMAX®** Fire Protection Mortar, certified acc. to EN 998-2, is continuously tested in the company laboratory as part of the self-monitoring to ensure compliance with its composition and properties. This ensures a consistent quality of the product.