

Technical Data Sheet

FLAMRO-KL Fire Protection Mortar

Definition

FLAMRO-KL fire protection mortar is an environment-friendly, non-combustible ablation coating on purely anorganic basis. It is solvent-free and asbestos-free.

Application Areas

- Cable foreclosures
- For closing joints between FLAMRO BSB-K fire protection blocks and for coating installations



Technical Data

Composition	Anorganic – siliceous – watery (halogen-free)
Binding agent	Siliceous solidification after evaporation of water
Pigments/Fillers	Anorganic pigments and fillers
pH-value	Ca. 11
Colour	Cement-grey
Viskosität	Pasty, (350 - 550 dPas at 20 °C - 22 °C, Haake Viscotester VT-02)
Fire behaviour	Non-flammable (hardened product) A1 according to EN 13501-1
Solids	Ca. 64 %
Desnsity	1600 kg/cm ³ ± 10 %
Toxicity	The misxture is not designated hazardous according to act (EG) No. 1272/2008. Please observe the information on our safety data.
Equipment cleaning	Clean with water immediately after use
Drying time	8 - 10 hrs (20 °C/ 65 % rel. air humidity)
Surface	Surface must be stable, clean and free of oil and grease.
Moisture resistance	The properties of the glue do not change in indoor use throughout time. Must not be exposed to weather and wetness.

Application details

The optimal processing temperature of FLAMRO-KL fire protection mortar ranges from 15 °C - 25 °C and within a relative air humidity from 60 % - 70 %. However, the product should not be used in an ambient temperatur below 5 °C. Good ventilation is necessary for the fire protection mortar to dry.

Shell-life: In sealed, original packages, within room temperatur at least 1 year,
5 °C – 30 °C, protect against frost and direct sun exposure

Packaging: Plastic bucket with 5 kg and cartridges with 0.5 kg netto

This technical information represents our current level of knowledge and experience. Changes without prior notification are reserved. Please use respective, new technical information as our level of knowledge and experience is constantly evolving. In case of doubt, please contact FLAMRO. Described application examples do not include special circumstances of individual cases and are hence held without responsibility. Other than that, the terms and conditions of FLAMRO Brandschutz-Systeme GmbH apply excusively (new version).