

Technical Data sheet

FLAMRO BMA

Definition

FLAMRO BMA is an ablation coating mass for wiring and can be applied for either indoor and outdoor use.

Application Areas

- Electrical cables of any material and thickness as well as cable trays made of steel or aluminium profiles
- Permitted for indoor and outdoor use (refineries, industrial facilities etc.)



Technical Data

Characteristics	Fire protection compound on the basis of water
Binding agent	Special dispersion - solvent-free
Pigments/ fillers	Non-combustible and flame-retardant pigments and fillers
pH-value	Ca. 8
Colour	White
Viscosity	Thixotrop (160-220 dPas at 20 °C - 22 °C, Haake Viscotester VT-02)
Solids	66 % - 76 %
Spec. Weight	1,55 ± 0,07 g/cm ³
Dilution	Clean water (max. 5 weight. - %)
Equipment cleaning	Clean with water immediately after use
Consumption	Approx. 2,05 kg/m ² for a dry film thickness of 1 mm
Drying time	Completely dry - depending on room temperature, air humidity and on coating thickness: 1 - 3 days
Surface	Surfaces must be stable, clean and free of grease and dust; steel and iron parts should be protected against corrosion in case of outdoor applications or in areas where condensed water may be developed.
Temperature resistance	The applied coating compound withstands temperatures from - 40 °C to + 80 °C, there is neither chemical breakdown, discolouration nor a deterioration in its efficacy.

Application details

FLAMRO BMA can be applied above head or can be sprayed and does not drop or slip off or get fissures during the process of drying if the ambient temperature is approximately 20 °C and relative air moisture is 60 % to 70 %. In case of lower ambient temperature or higher air moisture more drying time will be required. In such cases FLAMRO BMA should be applied in several thin layers, to facilitate the quick evaporation of the water. In areas of high infestation by microbes (outdoor application, composting plants, tropic areas etc.) FLAMRO BMA containing film preservatives should be used. In such cases please contact your supplier.

Processing: FLAMRO BMA can not be used at ambient temperatures below 5 °C

Shelf-life: Sealed in original containers at room temperature at least 1 year,
5 °C - 30 °C - to be protected against frost and direct sunlight

Packaging: Plastic buckets with 0,5 kg, 1 kg, 5 kg, 12,5 kg und 25 kg net

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