

Technical Data Sheet

Fire Stop Compound FLAMRO BML



Technical Data

Binding agent	Special dispersion - solventless
Pigments/Fillers	Not combustible and flame retardant pigments and fillers
pH-value	Approx. 7 - 8
Colour	White
Odour	Slight
Viscosity	Thixotrop (approx. 225 dPas at 20 °C-22 °C, Haake Viscotester VT-02)
Hazard class	Not hazardous according to Regulation (EC) No. 1272/2008
Limited oxygen index (LOI)	Approx. 27 % , measured on approx. 1 mm thick films
Classification according to EN 13501-1	E, according EN 13501-1 and EN ISO 11925-2, measured on 1 mm thick films
Solids	Approx. 55 %
Spec. weight	Approx. 1.21 g/cm ³
Solvents	< 3 %
Application temperature	Do not use at temperatures below 5 °C
Thinner	Clean water
Equipment cleaning	Clean with water immediately after use
Consumption	Approx. 1.6 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 application under a shelter or in environments with high humidity.
Weathering	Dried through coatings are not allowed to be directly exposed to the influences of the weather such as driving rain or UV-radiation (Y2 according EOTA TR 024)
Temperature resistance	The dried through coatings withstand temperatures from -20 °C - + 70 °C

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Application details

Because of its thixotropic consistency also thick layers of FLAMRO BML can be applied in one operation. It 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 BML should be applied in several thin layers, to facilitate the quick evaporation of the water. FLAMRO BML cannot be used at ambient temperatures below 5 °C.

In areas of high infestation by microbes (outdoor application under a shelter, composting plants, tropic areas etc.) FLAMRO BML containing film preservatives should be used. In such cases please contact your deliverer.

Shelf-life: Sealed in original containers at room temperature at least 1 year
Storage: 5°C - 30°C - to be protected against frost and direct sunlight
Packing: Plastic buckets with 12.5 kg and 25 kg net

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