

MAGMA FIRESTOP Bfl

Product Information

Magma Firestop[®] Bfl is an efficient, water based fire retardant liquid, which will give an intumescent effect as a reaction-to-fire. This fire retardant product is ready-to-use and can be used for FR treatments on wooden flooring. Magma Firestop[®] Bfl treated wooden floors can be finished with selected and suitable floor oils or lacquers.

Chemical and Physical Characteristics

Composition:	Fire protective liquid based on phosphates and nitrogen
Appearance:	Clear liquid
pH:	6,2
Density:	1,128
Viscosity:	11s.(DIN53211/4)
Odor:	Neutral
Shelf life:	In original, closed packaging at least 12 months when stored at temperatures between 5° and 40° Celsius.

Application(s)

- Be sure that the wood is clean, free of grease, dust and other contamination.
- Be sure that the wood is free of pre-treatment auxiliaries and that the material can be absorbed.
- Be sure that the wood is dry prior treatment (wet material will not absorb this product)
- Magma Firestop[®] Bfl can be applied by spraying, alone or in conjunction with binders.
- This product will tarnish metal so wipe off immediately if unable to mask.
- Depending on the absorbing properties of the wood and roughness of the surface, the dosage level of Magma Firestop[®] Bfl will be approx. 90/110 grams per m2.
- Do not change chemical composition in any way without consulting us.
- This product is a ready-to-use solution but on some materials it could give a sticky effect, if so Magma Firestop Bfl can be diluted with water up to a maximum of 15% but it's important to check the effectiveness of the diluted product on the treated material.
- Material finished with Magma Firestop[®] Bfl can be air dried but in industrial applications treated material can be cured at temperatures up to 160°C.
- User should determine the suitability of this product for its intended use. Magma Firestop[®] Bfl must be applied cautiously. However the product is non toxic and non classified, we advise applicators to wear chemical gloves and goggles.
- Using a low pressure, handpump or electrical spray equipment, apply at 40-60 PSI using a fan spray tip, spray entire area and cover completely.
- Because of the variety of different substrates and the different necessary add on, it is recommended that a preliminary small scale test is carried out prior to bulk processing. Ensure yourself about, the effectiveness and aesthetic results (color fastness etc.) of this treatment on a small, obscure area, before you treat the whole surface.

- Flush your sprayer thoroughly after treatment!
- Magma Firestop[®] Bfl does not give a permanent finish to wood when exposed to moisture

Packaging / Storage / Transport / Regulatory Approvals

Packaging: 10, 25 kg cans or 250 kg drums or 1,000 kg IBC's containers

Storage: Store in the original containers and protect from extremes of temperature, especially heat and direct sunlight.

Safety / Labelling / Toxicology

For detailed information on the safety and handling of Magma Firestop[®] Bfl, please refer to our Material Safety Data Sheet.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.