

# MAGMA FIRESTOP IT-W1

---

## Product Information

---

Magma Firestop<sup>®</sup> IT-W1 is an efficient, water based fire retardant liquid, which will give an intumescent effect as a reaction-to-fire. This product can be used for a fire retardant treatment of veneers. Magma Firestop<sup>®</sup> IT-W1 treated veneers can be finished with selected and suitable floor oils or lacquers.

## Chemical and Physical Characteristics

---

<b>Composition:</b>	Fire protective liquid based on phosphates and nitrogen
<b>Appearance:</b>	Clear liquid
<b>pH:</b>	6
<b>Density:</b>	1,18
<b>Viscosity:</b>	11s.(DIN53211/4)
<b>Odor:</b>	Neutral
<b>Shelf life:</b>	In original, closed packaging at least 12 months when stored at temperatures between 5° and 40° Celsius.

## Application(s)

---

- Be sure that the surface is clean, free of grease, dust and other contamination.
- Be sure that the surface is free of pre-treatment auxiliaries and that the material can be absorbed.
- Be sure that the material is dry prior treatment (wet material will not absorb this product)
- Magma Firestop<sup>®</sup> IT-W1 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<sup>®</sup> IT-W1 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 IT-W1 can be diluted with water up to a maximum of 35% but it's important to check the effectiveness of the diluted product on the treated material.
- Material finished with Magma Firestop<sup>®</sup> IT-W1 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<sup>®</sup> IT-W1 must be applied cautiously. However the product is non toxic and non classified, we advise applicators to wear chemical gloves and goggles.
- 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.
- Magma Firestop<sup>®</sup> IT-W1 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<sup>®</sup> IT-W1, 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.**