

MAGMA FIRESTOP Thatchprotector SG-2H

Product Information

Magma Firestop® Thatchprotector SG-2H is an efficient, fire retardant impregnating coating based on phosphate and nitrogen containing components. Magma Firestop® Thatchprotector SG-2H contains polymers which make the product suitable for exterior usage. This product is suitable to treat organic roofing materials with moisture absorbent abilities such as reed, grass or palm leaves. Magma Firestop® Thatchprotector SG-2H is an off-white color product which will dry up colorless and will give a hardly visible, fire retardant protection. Materials treated with this product will keep their original properties. When treated material will be exposed to fire, a thin carbon char will be formed which will insulate the material from the fire source and nitrogen will be released which will have an effect on the oxygen supply to the fire.

Reed roofs can be protected by a spray application. These roofs are made by tight and tense application which will make the roof already some less flammable. Palm leaves and grass are different materials, much more flammable compared too reed and most of the time, applied by a thick but loose layer. These roofing materials can be made of fire retardant quality but only prior installation of the roofs. A spray application afterwards will give some protection but a serious flame will burn through the top layer and ignite the untreated part of such roofs.

Magma Firestop® Thatchprotector SG-2H has been tested according the European standard for building materials EN 13501-5.

Chemical and physical properties, packaging and transport

Consistency	White liquid, dries up clear
pH	6.8 ± 1.0
Activation temperature	> 145 ° C
Density at 20 ° c	1.13 ± 0.02 g/cm ³
Viscosity at 20 ° c	8 s. (DIN53211/4)
Flash Point	No
VOC	1%, complies with VOC 2010
Dilution	Ready-to-use
Packaging	25 kg cans, 200 kg drums, 1000 kg IBC
Shelf Life	A shelf life of 12 months in closed packaging
Storage	Cool but free of frost (5 ° C/35 ° C)
Transport	Non-hazardous product, no specific requirements
Safety Rules	Please observe the precautionary notices displayed on the container. The user of this product must adhere to the national laws relating to health, safety and environment; do not eat, drink or smoke during the application. Do not flush unused chemicals but dispose this in accordance with local waste disposal regulations. For more information and the latest actual safety particulars see the attached Material Safety Data Sheet (MSDS).

Application

Thatched roofs

It is recommended to perform a test before the entire surface will be treated. Apply the product on a trial sample of the material and try to figure out what the uptake and penetration will be and ensure yourself about the optical result after treatment.

- Make sure that the roof you like to treat, is dry, a wet roof will not absorb enough product
- Make sure that the roof is clean and free of moss, grease or other pollution.
- Check if the material has been treated earlier with an invisible water/dirt repellent agent, when the material has been treated with such a hydrophobic agent it will lose absorption properties.
- Magma Firestop® Thatchprotector SG-2H can be easily applied by spraying method or by dipping.
- Consumption depends on the absorbing ability of the material
Apply Magma Firestop® Thatchprotector SG-2H **always** in 2 layers of 250 gr. per m² each

Above data is only a general guideline.

Drying:

Treated material is able to dry on air, dust free after approx. 1 hour, a second layer can be applied 'wet-on-wet'

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.