

FireStop

Fire protection impregnation with bactericidal and fungicidal properties

TDS-No. 9300

Water-based one-component fire protection impregnation for wood and wood products and building elements with antibacterial and fungicidal properties for interior and exterior use

- ✓ antibacterial, with fungicidal effect
- ✓ inorganic
- ✓ non-combustible
- ✓ non-toxic
- ✓ temperature resistant (after drying out)
- ✓ environmentally safe
- ✓ high adhesive properties



Properties	Description
Colour	transparent or slightly cloudy with white, grey or grey-yellow tone
Density, g/cm ³	approx. 1,35
Organic part	≤ 0,7 %
Classification	B1 – flame-retardant according to DIN 4102
Operation mode	The impregnation penetrates deeply (up to 8 mm) into the surface giving it fire resistance properties and protection against water, mechanical damage and ageing of the material. In case of fire, a thick layer of fire-resistant foam is formed on the surface of the material, which prevents the impregnated material from burning and reduces the risk of fire flashover. The stable silicate film created during impregnation by FireStop prevents insects from penetrating the building material and mold formation
Processing	Application: Temperature from +5 to +45 °C, humidity ≤ 70%. The agent is applied in 2-3 layers with an intermediate drying time of approx. 12 h. The application can be carried out by any conventional method (brush, roller, spraying etc.). Recommended application quantity is approx. 600g/m ² depending on the surface condition. Small objects can be impregnated by immersing them into FireStop for approx. 20 minutes with subsequent drying. When using the impregnation after low-temperature storage, FireStop should be brought to a minimum temperature of +5°C and thoroughly stirred before use. After use, the container should be hermetically sealed.
Safety instructions	When processing, the guidelines issued by the chemical industry and the employers' liability insurance association must be observed in conjunction with the safety data sheets
Storage	Shelf life 18 months at -7 to +45°C in unopened containers
Packaging	Plastic containers 6.75 kg and 13.5 kg. Other types of containers available on request

Application

- ✓ The coating is weather resistant and therefore intended for interior and exterior use
- ✓ Wood and wooden constructions, also in combination with mineral fibre, metal and concrete components



Subject to modifications

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