



TECHNICAL DATA SHEET FIREX WOOD RETARDANT COATING MPD-1



DESCRIPTION

FireX wood retardant coating MPD-1 – flame-retardant saline for wooden structures, used to reduce flammability. FireX wood retardant coating MPD-1 saline is used to ensure the wood flammability class B s1, d0 according to EN 13501-1.

DIRECTIONS FOR USE

Flame operation FireX wood retardant coating MPD-1 saline coated surface of the timber is formed elastic about 6-8 mm thick coating layer, which protects the wood from the ignition.

Before applying FireX MPD-1, always clean the surface of all dust, bark or other contaminants. FireX MPD-1 may be applied with a brush, roller or under vacuum conditions at the temperature above +5°C (with humidity under 75%). Wood moisture content should be 20% or less. The temperature of the agent should be +15°C to +25°C, to ensure good and even infiltration to the wood. The agent can be heated to the required temperature if needed. Apply 2–3 coats with an interval of 40–60 minutes with normalized total consumption being 500 g/m². Each applied coat should be dried at air temperature of +12°C to +40°C (with humidity under 75%). Climate conditions like low temperatures and/or high relative humidity can lengthen the drying time. The product is completely dried in 7 days. Do not mix FireX MPD-1 with other products.

TECHNICAL DATA

Features:

The solution is odorless, colorless and can be additionally may be with brown color pigment. Well absorbed into the wood, resistant to cold. Wood impregnated with saline at a temperature not lower than + 5 °C, when humidity is under 75%.

Density:

At least 1300 ±10 kg/m³.

Ph - 12.

CARRIED OUT TESTS, CERTIFICATES

According to the EN 13501-1 standard flammability class is B-s1, d0. According to the ISO 3251:2004 solids content is - 43.89%. Fire Research Centre certificate No: GTC 100532.

STORAGE

Store in a dry, well-ventilated room at a temperature no lower than +5 °C. Keep in the original container. Keep out of reach of children and release to the environment.

PACKING

Drums of 20 litres.