



Firegreen® – Innovative fire protection solution for wood coatings

TECHNICAL DATA SHEET

DESCRIPTION

Firegreen® – Class A fire-retardant impregnation for wood & wood-based panels treatment, reduces flame spread and maintains timber strength under fire conditions. In accordance with the European Classification BS EN 13501-1:2002 Fire classification of construction products and building elements.

Prevention of mould, rot, and insect infestation from all wood-boring insects, including termites.

Used in applications outdoors as well as indoors.

BENEFIT

- Ecological, water-based
- UV resistance
- Very economy & inexpensive :only single coating application
- Non- toxic & non corrosive
- Transparent
- Halogen,PFAS, Bromine-FREE
- No added intumescent
- Simple application

PHYSICAL PROPERTIES

- Physical State: Liquid
- Colour: Colourless
- Odour: Odorless
- Flash Point: Not applicable
- Density (g/cm³): 1 – 1,05
- pH: 7-8

APPLICATION

- For fire protection wood substrate only: wood, plywood, dimensional lumber, CLTs, Glulams, etc...
- Works as a primer : After the wood has been treated, it can be painted by any water-based paints without any damage to the protection nor any effect on the warranty

RECOMMENDATION FOR USE

The timber to be treated shall be clean and dry, to allow penetration of the liquid, and not decayed by fungi or attacked by insects.

Wood-working (eg: planing, profiling) should be carried out before treatment. At the time of treatment the timber moisture content must be below the fibre saturation point (approximately 25% m/m) and should be at the moisture content appropriate for the end use of the treated timber. All bands must be removed from the packs and timber must be loosely

strapped down during treatment to allow penetration of the treating solution.

APPLICATION METHODS

- Dip tank
- Spray, brush or roller
- Flood coater
- Vacuum pressure impregnation

Drying time: 2-6 hours in + 25°C

PACKAGING

Canister	20 kg
HDPE Drum	200 kg
IBC container	1000 kg

STORAGE

Shelf life of product :12 months

Must only be kept in original packaging.
Keep container tightly closed. Store in a cool, well-ventilated area.

Manufacturer:

MIVIKO ISOTECH

Herzberg str.51-54
10365 Berlin
Germany

www.mivikoisotech.de
info@mivikoisotech.de

Dealer in Vietnam:

MIVIKO ISOTECH

36 Hoang Van Thu, ward.9. Phu Nhuan
distric, Hochiminh city
Hotline: 078712 9988

www.mivikoisotech.vn
info@mivikoisotech.vn



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