



FIRE RETARDANT TREATMENT



A CLEAR IMPREGNATION SOLUTION DESIGNED TO PREVENT THE SPREAD OF FIRE ON SOLID TIMBER

- Classified to BS EN 13501-1:2018
- Achieves European Class B-s2,d0
- For internal and external use
- Waterborne
- Colourless and virtually odourless

Description

Zeroflame Treatment is a clear waterborne impregnation designed to prevent the spread of fire on internal and external solid timber surfaces.

Use

Zeroflame Treatment has been successfully tested to BS EN 13501, achieving B-s2,d0 on solid wood with a minimum thickness of 12mm and density of 400kg/m³.

Appearance & Overcoating

Zeroflame Treatment leaves no visible finish, achieving a natural appearance. If required it can be overcoated with a clear, water-based and non-flammable coating. It is advised to check compatibility on a test area first. If a stain is required, always apply Zeroflame Treatment first, as the stain may inhibit penetration.

Coverage & Application Rates

4m²/litre (250ml/m²)

Number Of Coats

The number of coats required depends on the method of application and the porosity of the surface, ensuring at all times that the minimum coverage rate required is achieved.

Surface Preparation

Surfaces to be treated must be clean, dry and free from contamination. Existing coatings MUST be removed, together with all residue. Moisture repellent treatments may inhibit absorption.

Method Of Application

Zeroflame Treatment can be applied by brush, roller, spray, including low pressure stain spraying, and immersion.

Drying Time

6 – 12 hours at 20°C and 65% RH. When applied externally, protect from the elements and allow to dry for 24 – 48 hours. Drying times are dependant on the absorption characteristics of the substrate and drying conditions. Low temperature and/or high relative humidity will extend the drying time.

Thinning & Cleaning

Zeroflame Treatment should not be diluted. Clean all tools with water immediately after use.

Application Conditions

Application should not be attempted in any of the following conditions:
Surface temperature below 10°C
Ambient temperature below 10°C
Substrate moisture content is above 15%

Restrictions To Use

Zeroflame Treatment is only suitable for use on solid timber. Laminated or wood derived particle boards are not suitable as the adhesive present will prevent sufficient penetration of the product.

Technical Data

Flash point: >100°C

Finish

Clear

Storage Instructions

Containers must be kept sealed and stored at temperature not less than 5°C. Use within 6 months of purchase. Protect from frost.

VOC

N/A.

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