zeroflame®

FIRE RETARDANT TREATMENT

TECHNICAL DATA

PRODUCT DESCRIPTION

Clear fire protection impregnating liquid tested to: BS EN 13501-1:2018

APPLICATION

- Solid wood minimum thickness >12mm
- For interior and exterior use

FEATURES

- Classifies solid wood as having little or no contribution to fire
- Leaves no visible finish for a natural appearance
- Minimum thickness 12mm
- For interior and exterior use tested to EN 927-6 & EN16755 accelerated weathering: rated as EXT1.
- Clear transparent impregnation
- Non-corrosive
- Non-hazardous
- Odour free

DIRECTIONS FOR USE

Substrate: Check the surface is absorbent and has not been previously sealed by other coatings. The substrate must be absorbent. It is possible to apply to previously painted or varnished wood if removed completely by sanding back to the original surface.

Application: Use as supplied. Do not dilute
Test on a small area first to ensure finish is acceptable
Apply 250ml per square metre (4m² per litre) to all surfaces by using immersion, spray, brush or roller
Ambient temperature is above 10°C
Moisture content of wood should be below 15%
This product is classed as non-hazardous. The use of eyewear, gloves and mask is good practice and recommended
Clean tools and overspill with absorbent paper and water

Drying Times: 6-12 hours at +20°C & 65% RH. When applied externally, protect from the elements and allow to dry for 24-48 hours.

Overcoating: Where a final decorative finish is required, substrate must be fully dry before over-coating. We advise checking the moisture content of the substrate prior to application and applying top coat to manufacturer's instructions. A small area of the substrate should be tested for compatibility before the full final coat is applied.

Storage: Store above 5°C
                   Protect from frost
                   Use within 6 months of purchase

Protection Period: Fire retardant properties will remain active for the lifetime of the substrate.

Disposal: Zeroflame Fire Retardant Treatment is an ecologically friendly material that can be safely disposed of as a household product.

PRODUCT SPECIFICATION

Pack sizes: 5 litre
                   20 litre

LIMITATIONS

Final Finish: Natural. Can be overcoated with certain stains, varnishes and paints. (Contact Zeroflame for details of coatings which are suitable).

Discolouration may occur on some types of timber or on heavily knotted wood. If this is a concern it is recommended that a sample area is completed before application to the whole project. Alternatively, application of a compatible varnish or stain may help to overcome this phenomenon if it is unacceptable.

Zeroflame Fire Retardant Treatment may not be suitable for wood-derived particle board or similar as it cannot penetrate. A sample test is recommended to check absorption. Zeroflame Fire Retardant Paint may be more suitable.

Care must be taken to comply with the coverage rate, including allowance for wastage, as inadequate application will affect the fire protection.

CERTIFICATION

Fire behaviour is classified to BS EN 13501-1:2018 B ,s2, d0.

Telephone: Head Office: +44 (0)28 9262 0300   UK Office: 0845 3838333
Email: sales@zeroflame.co