



HYDRON
Protective Coatings Ltd

APPLICATION INSTRUCTIONS FOR NU-FLAME CLEAR IMPREGNATION

Substrate: The substrate must be clean, dry and free from contamination; remove existing coatings by stripping or sanding. Best results obtained when moisture content is less than 22%.

Application: Either 2 coats @ 8 m² per litre per coat, or 3 coats @ 12 m² per litre per coat depending on moisture content of the substrate and atmospheric conditions, coats should be applied at intervals of minimum 1 hr. Do not mix with other solutions, stir well. Use brush, roller, spray (use appropriate mask), dip, or vacuum method.

Minimum temperature for application 5°C

Over-coating: If treated timber is to be over-coated we recommend testing a small area first before fully over-coating with varnish, stain or paint. Care should also be taken that the fire retardant properties are not compromised, maintenance coating may in time affect the film thickness, we recommend that the film be stripped back periodically by using a hot air method.

Drying Times: A minimum of 1 hour between coats. Full drying time approximately 24 hours at + 20°C / 65 relative humidity. Maximum fire retarding capabilities achieved after 7 days. *Drying times are dependent upon absorption of substrate and drying conditions. At low temperatures and / or conditions of high relative humidity, drying times will be extended.*

Maintenance: No maintenance is required once Nu-Flame Clear Impregnation has been absorbed into the surface of the substrate and dried.

SPECIFICATION:

Pack sizes: 1L, 5L, 20L and polymeric tanks of 200L and 1,000 litres.

Application: Spray, brush, roller, vacuum, dip, or flood coated.

Final finish: Natural or over-coated, substrate must be completely dry before over-coating; We advise checking the moisture content and applying topcoat to manufacturers instructions.

Disposal: Where used professionally, should be disposed of in the correct manner.

Storage: Store at temperatures above zero. Warranty period for storage 36 months.

CERTIFICATION: BS EN 13823 & BS EN 11925-2 SBI Euro class B-s1-d0.

(Equivalent to UK Class O BS 476: Part 6 & BS 476: Part 7)

NT 053 & NT 054 Accelerated weathering of Fire-Retardant treated wood for fire testing.

Building Regulations: Euroclass certifications are formally incorporated into Approved Document B and regulators in the UK are legally bound to accept them in lieu of national test methods (which are also still permitted). Follow the link below to the government web site: http://www.planningportal.gov.uk/uploads/br/BR_PDF_ADB_2000.pdf pages 59 & 60

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