



**DRICON®**

**FIRE RETARDANT TREATED TIMBER  
FOR INTERIOR & WEATHER PROTECTED SITUATIONS**

Since its introduction in 1981, DRICON® fire retardant treated timber has proven itself globally in countless structures of many different types in the USA and Europe.

The inclusion of DRICON® fire retardant treated timber within a building project has a negligible effect on environmental issues as compared with untreated timber:

DRICON® treated timber has been pressure impregnated with a water-based, non-hygroscopic and non-metallic formulation which is a patented, blended organic formulation containing no halogenated compounds, formaldehyde, heavy metals, sulphates, ammonium phosphates, cyanide or VOC's. In the event of a fire, the treated timber produces only carbon dioxide, moisture and carbon char with the generation of little or no smoke. In service there are negligible emissions to the air.

Once pressure treated and kiln dried, the DRICON® solution bonds within the timber cells such that it cannot easily be removed. The treated timber is non-hygroscopic – it does not absorb water from the air, nor does it give rise to efflorescence. It is suitable for interior use where the relative humidity is less than 95% and for exterior applications under a maintained coating.

DRICON® functions primarily as a flame retardant but it is important to note that it also confers enhanced biological durability (EBD) to the treated timber without the need for any additional chemical preservative treatment. DRICON® fire retardant treatment offers a 60 year desired service life to timbers in a Use Class 2 situation (as defined by EN335-1) i.e. internal building timbers where there is a possibility of condensation but no possibility of leaching from running water.

**DISPOSAL**

DRICON® treated timber should be disposed of according to the regulations in place at the time of disposal – please provide details of the treatment to your local Waste Disposal Authority for further information.

**ACCREDITATIONS**

Arch Timber Protection holds more accreditations and certifications for its treatment practices than any other timber treatment provider in the UK:

- DRICON® is the only UK British Board of Agrément (BBA) certified fire retardant treatment for timber, BBA certificate number 87/1841.
- ISO9001 – ensuring total quality control throughout the treatment process.
- ISO14001 – enforcing strict operating parameters in terms of health, safety and security, and close consideration of the impact of treatment on the environment.
- Full compliance with the guidelines listed in the Wood Protection Association Quality Scheme.
- DRICON® is listed in the Wood Protection Association Fire Retardant Manual as an approved Humidity Resistant (HR) industrial treatment.
- DRICON® has Euroclass certification for a wide range of solid timbers and plywood.
- DRICON® complies with London Underground Standard 2-01001-002 'Fire Safety. Performance of Materials' – nil smoke and toxic fume emission and therefore is suitable for use in below ground situations without restriction.
- Both the DRICON® chemical and the treated timber are approved by the US AWPA and US military.
- DRICON® is being independently assessed to be accredited with the Swedish Sitac (fork) quality mark.



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BS EN ISO 9001:2000  
Reg No FM 1636



BS EN ISO 14001:2004  
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