

Specifiers Beware of Density Specifications for Fire Retardant Treated Timbers



Leading industry organisations have rejected the unreliable density classification system used by some fire retardant treated timber suppliers in the UK following extensive research conducted by the independent fire test house Exova Warringtonfire. This system is based on the density of the timber before fire retardant treatment and assumes similar density species will require the same treatment levels. This is incorrect.

Research has shown that species specific testing must be carried. This is because in some cases similar density species at the same thickness require very different levels of fire retardant retention in the timber to achieve the correct - and safe - level of fire protection. With some species, this difference in retention could be over double the level recommended using the density classification system.

Exova Warringtonfire encourages specifiers and Building Control professionals to utilise a species specific Classification Report system from independent test houses.

Lonza Wood Protection has invested in a wide range of individual independent Classification Reports to cover timber species, timber thicknesses and end use applications for both of its proven fire retardant impregnation treatments - DRICON and NON-COM Exterior.



Kielder Observatory utilised NON-COM Exterior and DRICON fire retardant treatments.

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Dricon continues to be the only BBA-approved fire retardant for timber, celebrating over 25 years of continuous certification. **NON-COM Exterior** is the only National House Building Council (NHBC) accepted fire retardant treatment for exterior cladding timbers.

For full information on these quality fire retardant treated timbers from Vincent Timber [click here](#).



Lonza holds Classification Reports for both the NON-COM Exterior and DRICON fire retardant treatments within the Royal Dutch Academy of Sciences building.

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FIRE RETARDANT TREATED TIMBER AND PANEL PRODUCTS



FIRE RETARDANT TREATED TIMBER



ACCEPTED BY NHBC BUILDING CONTROL SERVICE

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