



TECHNICAL NOTE

FOR ADDITIONAL INFORMATION: www.frtw.com or 1.800.TEC.WOOD (832.9663)

CERTIFICATIONS

ExteriorFireX™ Exterior Fire-Retardant-Treated Wood

PART 1 - General Product Information

- A.** Lumber and plywood designated **ExteriorFireX™** has a flame spread index of 25 or less (Class A) when tested in accordance with ASTM E84, "Standard Test Method for Surface Burning Characteristics of Building Materials."
- B.** **ExteriorFireX™** fire-retardant-treated wood shows no evidence of significant progressive combustion when the test is extended for an additional 20-minute period. The flame front does not progress more than 10 1/2 feet beyond the centerline of the burners at any time during the test. Surface burning characteristics for each species and product are listed by Underwriters Laboratories (UL).
- C.** **ExteriorFireX™** shows no increase in the listed classification when evaluated for flame spread after testing in accordance with ASTM D2898 "Standard Test Methods for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing."
- D.** **ExteriorFireX™** lumber and plywood is manufactured under the independent third-party inspection of Underwriters Laboratories Inc. (UL) Follow-Up Service and each piece shall bear the UL classified mark indicating the extended 30 minute ASTM E84 test and no increase in classification after ASTM D2898.
- E.** **ExteriorFireX™** shall be kiln dried after treatment (KDAT). The kiln drying process is monitored by Timber Products Inspection, Inc. (TP) the TP mark appears on the label.
- F.** **ExteriorFireX™** meets the performance requirements of AWPA U1, Specification H for Use Category UCFB (fire protection, exterior, above ground) and AWPA C20/C27 (Exterior Type).
- G.** **ExteriorFireX™** is available with a blue colorant or branding as required for identification by the nuclear power industry and Department of Defense (DOD) Mil Spec requirements, Type II (Exterior Type).
- H.** **ExteriorFireX™** is listed on the Qualified Products List (QPL) for Mil Spec Mil-L 19140-E.

PART 2 - Fire-Retardant Treatment

- A.** **ExteriorFireX™** is manufactured by Hoover Treated Wood Products, Inc.
- B.** **ExteriorFireX™** is a proprietary product of Hoover Treated Wood Products Inc. No substitutions permitted.
- C.** **ExteriorFireX™** shall be kiln dried to maximum moisture content of 19% for lumber and 15% for plywood.
- D.** **ExteriorFireX™** lumber and plywood shall use design value adjustments and span ratings as published by the Hoover Treated Wood Products Inc.
- E.** **ExteriorFireX™** fire-retardant treatment is free of halogens, sulfates, chlorides, ammonium phosphate, and contains no added urea formaldehyde.
- F.** Plywood shall have a minimum bond durability of Exposure 1 in accordance with US Product Standard PS 1, Construction and Industrial Plywood.

PART 3 - Execution

A. ExteriorFireX™ is a leach resistant fire-retardant treatment and may be installed with direct exposure to precipitation; however, it cannot be substituted for preservative treated wood.

B. ExteriorFireX™ fire-retardant-treated lumber and plywood used in structural applications shall be applied according to the lumber and plywood strength tables available from Hoover Treated Wood Products.

C. Lumber and plywood of the appropriate size, grade and species and bond durability shall be specified by the design criteria for the intended application.

D. Field cutting is allowed without end treating. Do not rip or mill fire-retardant-treated lumber. Cross cuts, joining cuts, and drilling holes are permitted in lumber. Fire-retardant-treated plywood may be cut in any direction.