

D-Blaze® Fire Retardant Lumber and Plywood

NFPA 703-12 Edition

D-Blaze® pressure impregnated fire retardant treated wood products meet the requirements of the National Fire Protection Association (NFPA) Standard 703-12, “Standard for Fire Retardant Impregnated Wood and Fire Retardant Coatings for Building Materials”.

NFPA 703 references UL® 723 “Standard Test for Surface Burning Characteristics of Building Materials” and ASTM E 84, “Standard Test Method for Surface Burning Characteristics of Building Materials”. The test methods are harmonized between NFPA, ASTM, and UL. Section 3.3.2 defines fire retardant treated wood. The fire hazard classification for *D-Blaze*® fire retardant treated wood is 25 or less and, when the test is extended for an additional 20 minutes, there is no evidence of significant progressive combustion. The flame front is less than 10.5 ft. from the centerline of the burner. Thus D-Blaze FRTW meets the requirements of section 3.3.2.

D-Blaze® fire retardant treated wood meets the interior application requirements found in Section 4.2. D-blaze FRTW is required to be kiln dried after treatment in accordance with section 4.4.2.

As required in Section 4.5, *D-blaze*® treated lumber and plywood is listed and labeled by an accredited independent third party testing agency. Underwriters Laboratories, Inc. lists DBlaze treated lumber and plywood and they carry the UL label.

Dr. Kevin J Archer
Director Research and Development
2015