

HOOVER TREATED WOOD PRODUCTS, INC.

TECHNICAL NOTE

FOR ADDITIONAL INFORMATION: www.frtw.com or 1-800-832-9663

PYRO-GUARD®

Fire Retardant Treated Wood in Plenums

PYRO-GUARD® meets the building code requirements for construction materials used in plenums. The building code allows the use of fire retardant treated wood in plenums as follows: “Materials exposed within plenums shall be noncombustible or shall have a flame spread index of not more than 25 and a smoke developed index of no more than 50 when tested in accordance with ASTM E-84”.

PYRO-GUARD® is Underwriters Laboratories, UL listed and classified as a Class A fire retardant. **PYRO-GUARD®** has been tested per ASTM E-84 (UL 723, NFPA 255) and has a flame spread rating of 25 or less, no significant progressive combustion (will not continue to burn when ignition source is extinguished) when tested for 30 minutes, and the flame-front did not progress more than 10 ½ feet beyond the centerline of the burner at any time during the test. The smoke developed index for **PYRO-GUARD®** as listed below meets the requirement of “no more than 50”.

The **FR-S** rating as seen on some products below indicates that a specific species of wood exhibits a flame spread *and* smoke developed rating of 25 or less when tested in accordance with the ASTM E84 "Standard Test of Surface Burning Characteristics of Building Materials”.

PYRO-GUARD® Plywood : Specie Type or Grade	Flame Spread	Smoke Developed
Southern Yellow Pine	15	30
Douglas Fir	FR-S	FR-S
Lauan	FR-S	FR-S
PYRO-GUARD® Lumber: Specie Type or Grade	Flame Spread	Smoke Developed
Douglas Fir	FR-S	FR-S
Southern Yellow Pine	10	20-50
Ponderosa Pine	10	20-50

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White Fir	FR-S	FR-S
Western Hemlock	FR-S	FR-S
Hem/Fir	FR-S	FR-S
White Spruce	FR-S	FR-S
Red Spruce	FR-S	FR-S
Black Spruce	FR-S	FR-S
Engleman Spruce	FR-S	FR-S
Jack Pine	FR-S	FR-S
Lodgepole Pine	FR-S	FR-S
Alpine Fir	FR-S	FR-S
Balsam Fir	FR-S	FR-S
SPF	FR-S	FR-S

See www.ul.com Follow link to "Online Certification Directory". Search by Company Name (**Hoover Treated Wood Products Inc.**),

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