

TECHNICAL NOTE

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

FRTW USE IN PLENUMS

PyroGuard[™] Interior Fire-Retardant-Treated Wood

PyroGuard[™] meets the building code requirements for construction material 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 E84".

PyroGuard[™] is **Underwriters Laboratories**(UL) listed and classified as a Class A fire retardant. **PyroGuard[™]** has been tested per ASTM E84 (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 1/2 feet beyond the centerline of the burner at any time during the test. The smoke developed index for **PyroGuard[™]** meets the requirement of "no more than 50".

The **FR-S** rating 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*".

PyroGuard[™] Plywood : Specific Type or Grade	Flame Spread	Smoke Developed
Southern Yellow Pine	15	30
Douglas Fir, Lauan	FR-S	FR-S
PyroGuard[™] Lumber: Specie Type or Grade	Flame Spread	Smoke Developed
Southern Yellow Pine, Ponderosa Pine	10	20-50
Douglas Fir, White Fir, Hem/Fir, Alpine Fir, Balsam Fir, SPF, White Spruce, Red Spruce, Black Spruce, Engleman Spruce, Western Hemlock, Jack Pine, Lodgepole Pine	FR-S	FR-S

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