FlamePRO®
FIRE RETARDANT TREATED WOOD

IMPORTANT INFORMATION

• Use fire retardant treated wood safely. Always read the label and product information before use.

• Mold growth can and does occur on the surface of many products, including untreated and fire retardant treated wood, during prolonged surface exposure to excessive moisture conditions. To remove mold from the treated wood surface, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining mold. Check the label of the finishing product. Before you start, we recommend you apply the finishing product to a small exposed test area before completing the entire project to ensure the product is suitable.

• If you desire to apply a paint, stain, clear water repellent, or other finish to your fire retardant treated wood, we recommend following the manufacturer's instructions.

• For a complete specification call Koppers Performance Chemicals at 800-585-5161.
FlamePRO brand fire retardant treated wood is typically specified for use in interior areas not exposed to the weather or wetting and where the adopted)

Koppers Performance Chemicals Inc., Attn: Consumer Affairs, P. O. Drawer O, Griffin, Georgia 30224-0249

Limited Warranty for details. Available at

FlamePRO FRTW products comply with AWPA UC-1 and UCFA use category systems, FlamePRO treatment process meets the AWPA T1 standard and

with FlamePRO Interior Type A High Temperature (HT) fire retardant chemicals. FlamePRO

• Floor & Roof Joists

Typical applications include:

1 Climate Zone definition:

The National Design Specifications (NDS), Wood Handbook, and other publications have cautioned against the use of any wood product in

various use conditions.

The structural durability of FlamePRO brand fire retardant treated lumber and plywood has been verified by the certified engineers according to

the latest and most stringent versions of ASTM strength durability standards. FirePro brand fire retardant treated lumber and plywood is

tested by independent laboratories accredited by the following standards:

Table 1—Strength Design Factors for FlamePRO® Fire Retardant Treated Lumber Compared to Untreated Lumber Applied at Service Temperatures up to 100°F (38°C)

TABLE 2—STRENGTH DESIGN FACTORS FOR FlamePRO® FIRE RETARDANT TREATED LUMBER COMPARED TO UNTREATED LUMBER APPLIED AT SERVICE TEMPERATURES UP TO 120°F (49°C)

HYGROSCOPICITY

The corrosivity of FlamePRO brand fire retardant treated wood has been evaluated in accordance with ASTM Standard E12 for a variety of metals. The corrosion rates for carbon steel, galvanized steel, aluminum, and bronze are lower than the corrosion rates for untreated wood.

The following metal fasteners are recommended for use with FlamePRO brand fire retardant treated lumber and plywood: 2024-T3 aluminum, SAE 1010 steel, hot-dip galvanized steel, aluminum, bronze, or brass.

Hypersensitive reactions are reported in contact with FlamePRO brand fire retardant treated wood, especially in those who have a history of asthma.

Hyposensitivity testing conducted by a third-party independent laboratory has confirmed that compared to untreated wood, FlamePRO brand building code materials does not show any excessive sensitization under ASTM test condition.

Structural systems, which include FlamePRO brand fire retardant treated lumber or plywood, should be designed and installed in accordance with the latest and most stringent versions of structural design factors and plywood fasteners Table 1 and 2. In addition, a minimum 1/8 in. spacing is provided in accordance with the plywood class information in construction.

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