



BIEWER LUMBER™ FRTW

FIRE RETARDANT SPECIALISTS

Commercial Construction Benefits Using D-Blaze Fire Retardant Treated Wood

D-Blaze® treated lumber and plywood are designed for interior applications where fire retardant construction materials are specified or required by the building code. D-Blaze is highly effective at slowing down the spread of flame and reducing smoke development as a result of fire. The fire retardant chemicals are pressure treated deep into the wood and locked into the wood fibers for lasting protection.

By comparison, spray-on fire-retardant applications are inherently vulnerable because the chemical treatment is limited to the wood's surface. Protection can be compromised by scratches and abrasions that can easily occur during normal distribution and job-site handling. Even with spray-on treatments that are applied on the job-site, variations in treatment can result in poorly protected areas of the project. Additionally, not all spray-on products have passed the same *extended 30-minute* ASTM E 84 test for flame spread.

Fire-retardant materials are required in construction specifically to increase the time for people to evacuate and reach safety. D-Blaze FRTW slows the combustion cycle by forming a protective layer of char, hindering flame spread and smoke formation, increasing evacuation time and potentially reducing damages and subsequent repair costs.

D-Blaze FRTW may also reduce costs in these applications:

- Roof decking may be accepted in lieu of parapet walls in multi-family dwellings.
- Wood partitions may allow for an increase in square footage and lower insurance rates.
- Commonly accepted by building codes for partition walls, store fronts, fixtures and roof construction in shopping centers
- May reduce or even eliminate the requirement for installed sprinkler systems

Product Features

- UL® Class A (Class 1) with FR-S Rating
 - GREENGUARD GOLD certified
 - Code compliant FRT plywood and lumber
 - ICC ESR-2645
 - Very low smoke rating
 - Workable with common wood-working tools
 - Interior Type A High-Temperature (HT) FRTW per AWPA UCFA
 - Low-corrosivity
 - Low-hygroscopicity
 - No VOCs or formaldehyde
 - Non-blooming
 - 50-Year Limited Warranty
- **FSC Chain of Custody** - Many of the treating facilities that use Viance preservative products have obtained a FSC Chain of Custody certification. Verification may be obtained at <http://info.fsc.org>.
 - **Harvesting/Extraction** - Lumber and plywood are grade marked by the manufacturer providing traceability to the mill location. Extraction points are not traceable for non-FSC material.
 - **LEEDv4** contribution points can be derived from sourcing of raw materials, regional priority, and low-emitting materials.

Common Applications

- **Roofs and Attics:** trusses, plywood sheathing, decks and rafters
- **Walls:** load-bearing and partition, plywood sheathing and studs
- **Flooring:** subfloors, joists, plywood sheathing, studs and trusses
- **Other structural uses:** stairways, steps, beams, blocking, and paneling



UL® FR-S Classified
Plywood & Lumber



ESR 2645
Pressure Treated FRTW

Proud Sponsor



PRODUCT CERTIFIED FOR
LOW CHEMICAL EMISSIONS
UL.COM/CGG
UL 2818
GOLD

D-BLAZE

FIRE RETARDANT TREATED WOOD

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