

FLAMEX PF-2

PRODUCT DATA SHEET

National
FIREPROOFING

• **SUPPLY CO.** •

Since 1998

Tech Support
(219) 926-1477

GENERAL DESCRIPTION:

Flamex PF-2 is an exterior grade, leach resistant, fire retardant applied to timber by a spray-on or immersion process. Independent testing performed in accordance with industry standards has shown that Flamex PF-2 exhibits enduring fire retardant performance properties without compromising other critical engineering properties such as strength, durability, corrosivity and hygroscopicity. Flamex PF-2 contains a superior sealant additive that maintains the fire retardant properties for up to 7 years.

BASIC USES:

Flamex PF-2 protects exterior and interior woods such as: wood siding, wood shingles, wood decking, mulch, etc. All substrates must be porous before applying this product. Apply at a rate of 125 sq ft per gallon.

FEATURES:

Flamex PF-2 is a Class A flame retardant with a Flame Spread of 25 and Smoke Developed of 70 on Douglas fir. It is recommended that Flamex PF-2 be reapplied between every 5-7 years. Flamex PF-2 also functions as a wood preservative and termite inhibitor. This product dries clear, and can be easily applied by spraying. Once cured for 72 hours, the treated material may be painted with most latex-based paints.

LIMITATIONS:

Not intended for below-grade applications. Flamex PF-2 will leave a residue on non-porous substrates such as glass windows, metal frames and painted surfaces. Check compatibility before application. Do not apply when following conditions are present:

- Ambient or surface temperature less than 50° F or predicted to fall below 50° F within 24 hours following application.
- Rain within 72 hours prior to application.
- Wet or frozen substrates.
- High winds which could cause excessive overspray.

TECHNICAL DATA

Total solids:	25%
Wt per gallon:	9 Lbs.
Average ph:	6.0 - 7.0
Color:	White- dries clear
Solvents:	Water
VOC'S	Compliant
Odor	Slight Odor
Bacterial:	Good resistance
Fungus:	Good resistance
Volatility:	None
Toxic:	No
Biodegradable:	Yes
Corrosive:	No
Linear shrinkage:	None
Insects & mold:	Good resistance

APPLICABLE STANDARDS:

Flamex PF-2 was tested to the following standards:

ASTM E-84, NFPA 255, UL 723, UBC 8-1 & ASTM D-5401

Testing was performed by Intertek and Home Innovation Research Laboratories.

APPLICATION:

Ensure that all materials are clean prior to application. Shake well before each use. Apply Flamex PF-2 by spray-on application at the rate of 125 square feet per gallon. This will take several passes to avoid runoff from puddling. After applying the first coat, wait until the coat has penetrated before beginning the next pass until the recommended amount has been applied to the surface. Apply with either a low pressure sprayer with a .012 tip or a pump sprayer with an adjustable tip to adjust the spray output.

After treatment, a 24-hour conditioning period is necessary before testing.

Do not apply this product if rain is expected within 72 hours

TESTING:

A small-scale test can be performed with the utilization of a sample of the treated material and a small flame (butane lighter). Hold a 4" x 12" piece of the treated material vertically and apply the flame to the lower portion for 10 seconds, and then remove the ignition source. The flame should either burn very slowly or self extinguish.

FLAMESPREAD 25 AND SMOKE DEVELOPED 70 PER ASTM-E84 TUNNEL TEST



NOTES:

Horizontal lines for notes.

WARRANTY:

Sellers and manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use and user assumes all risk and liability whatsoever in connection therewith.