



COMMERCIAL - INDUSTRIAL - RESIDENTIAL

PLANNING IS THE KEY
TO STOP THE DANGER OF FIRE!
FOR ALL NATURAL WOOD AND PRODUCTS.

UNISHIELD INTERNATIONAL, LLC

WOOD-SHIELD

W-1000™

Fire & Flame Retardant
ON-SITE APPLICATION

Now with **ZB & EMC™**



Framing lumber, floor, wall and roof sheathing plywood

A first class flame retardant for most applications. If you are like millions of people today who do not know today's technological advances. You might think nothing can be done to prevent whole house, apartment and building fire burn-outs. Not true! For the past 12 years fire prevention and technology of fire retardant applications have made wood structures now fire safe and reduced smoke more than 70%. Universal Fire-Shield Fire Retardant Chemicals can and do protect like no other product known. It also prevents black mold and mildew.



Plywood, studs, rafters, beams, trusses, decking, flooring all unfinished wood.



There is indoor and out door applications.

New construction, remodels, commercial and residential. Environmentally safe.

Easy to apply...
Spray, brushed or dipped.
Certification of application can be provided.

Today flame retardants that have been thoroughly tested. Has proven to save property and lives. Prevention is better than taking a chance. Wood Shield W-1000 is a proven winner.

Meeting today's National Fire Codes



One application can make wood structures fire safe.

**ECONOMICAL - POWERFUL
ENVIRONMENTALLY SAFE**

What about those wood shingle roofs?



Also preserves the wood and resists mold and mildew.

Universal Fire-Shield™ Products
see Dealer near you or call
1 800-608-5699

Use **SK-200 Shingle Kote**

Wood Shingle Roofs and Siding.



WOOD-SHIELD™ W-1000

Now with ZB, Mildew and black mold resistant. Class B

APPLICATION: Commercial/Industrial/Residential. All unfinished wood
Top of the line fire retardant un-matched in quality and performance.

Treat all wood and lumber surfaces. A minimum of two coats of application for complete performance is recommended if sprayed or brushed. This fire retardant coating is unlike any other product on the market cannot be duplicated because of exclusive trade secret formulations that is backed by a 100% money back guarantee. For construction of homes and buildings, apply during and after construction for maximum results. Uses include all types of wood and foam even manufactured board, lumber, plywood, ceiling insulation and is excellent for rough sawn siding. Uses also include all types of porous material and will achieve a class "B" rating. Raw furniture, doors, cabinets, shelving and others may be sanded after application is complete. Will not interfere with paints or varnishes after dry time. Wood Shield can be used as a primer before paint or staining. It is recommended to use water based paints and stains. Surface to be treated must be dry up to 12 hours from rain and 4 hours from dew. Use full strength only! **DO NOT DILUTE!** Chemical compounds will weaken if thinned or mixed with any other components. Apply direct to surface and visibly see absorption. For attics be sure to saturate being sure to get in cracks and corners where possible. Wood surface color can deepen after application. Old siding that has turned black from weather will be preserved against further degeneration for 3-5 years the wood color will be enhanced.



Application:

Average coverage of treatment is 200-250 sq. ft. per US gallon with two coats. Be sure surface is clean of grease, dirt or concentrations of dust. Apply with hand or motorized spray equipment 8" to 12" from surfaces. No more than 400 psi for good results for less over spray. You can also use hand pump sprayers, rollers or brushes. Apply minimum of two coats for maximum protection add a third light coat and be sure to cover as much of surface as possible Allow dry time between applications. Because the chemical dries down to an invisible coating and penetrates make sure all surfaces have been covered both sides where possible.. Weather conditions should be dry for at least 12 hours. Clean up over-spray with water and mild detergent. When you roll on or brush in it can help push the chemical into the surface. After first coat let dry, then repeat for a second coat for best results.

SAFETY PRECAUTIONS:

Same precaution for all paints and coatings.

Do not mix into paints. Do not dilute. Use gloves and mask for best protection. Wash up with soap and water after use. If product gets into eyes wash with water or eye wash solution immediately. Keep away from children.

PRODUCT SPECIFICATIONS AND TECHNICAL DATA

UNIVERSAL WOOD-SHIELD W-1000™ MSDS Information: Phosphoric Acid 20.6% . This aqueous based liquid is recommended for internal and external use. Total Solids=31.5%, Weight per gallon~9.1 lbs., PH factor=6.5, Flash point=0 Non-flammable, Color=Sleight red tint at 78 degrees F., Volatility=Non-volatile, Solvents=Water base no petroleum or petroleum derivatives, Anti=fungus=Excellent resistance, Bacterial=Mildly resistant, Linear shrinkage=Non, Corrosive=Mild in liquid form, Toxic=Non~ Insect, rodent, aspergilli and other types of mold=Excellent resistance, Preservative=Good, Plant and animal=Non harmful. No PBDE, no EPA issues.

Classified: Class B Fire Retardant Coating , Surface burning characteristics of applied coating.

Interior rating is Class B; Interior applications 20 years, Exterior rating is Class B, Exterior applications 3 Year. simulated. **Flame spread =45** or less, **Smoke generation=110** or less, meets ASTM E-84, ASTM E-108 burning brand, NFPA 255, NFPA 703, UL 723, ASTM E-108 intermittent flame, UBC 42-1 . Test results available on request. Complies with U. S. Federal Regulation guidelines for paint and coatings.

