


INSPECTA-SHIELD®

FOR FABRICS, WOODS, & OTHER CELLULOSIC MATERIALS

Flame-retard:

- ◆ CARPETS
- ◆ UPHOLSTERY
- ◆ DRAPERIES
- ◆ EVERGREENS
- ◆ LUMBER
- ◆ DISPLAY ITEMS
- ◆ PAPER ITEMS


and other items that are either absorbent, or will allow this product to adhere to it.



The California State Fire Marshal has approved this product as a flame retardant finish for decorative materials made of cotton, polyester, olefin, silk, rayon and blends of those materials.

UNDERWRITERS LABORATORIES INC. ®
 CLASSIFIED
 FIRE RETARDANT COATING
 79P1
 SURFACE BURNING CHARACTERISTICS

Surface	Douglas Fir
Flame Spread	45
Smoke Developed	65
Number of Preliminary Coats	None
Rate Per Coat (sq ft/gal)	—
Number of Fire Retardant Coats	1
Rate Per Coat (sq ft/gal)	300
Number of Overcoats	None
Rate Per Coat (sq ft/gal)	—



ICBO ES #4557

White Pine coverage rate 300 sq. ft. per gal. 25
 White Pine coverage rate 500 sq. ft. per gal. 40

<p>FABRIC COVERAGE RATE PER GAL</p> <p>Cotton & Silks 600 Sq. Ft.</p> <p>Nylons, Polyester, Rayons, Olefins & Blends 500 Sq. Ft.</p>	<p>Inspected-Shield, Fire Retardant when properly applied will meet or exceed the listed test criteria on many items.</p> <p>ASTM E-84 CAN2-4.2-M77 NFPA 701</p> <p>FAA Horizontal and Vertical Flame Spread. C.S.F.M. C153.01 Member I.F.I.</p>
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The above textile application rates are based on independent tests. Your local certified applicators are able to give exact rates for various textile weights.

INSPECTA-SHIELD® will retard flame spread on many items but will not prevent charring. Inspecta-Shield is colorless and odorless when dry. Inspecta-Shield can be washed out by repeated washings. (WE RECOMMEND REAPPLICATION AFTER WASHING OR CLEANING TO ASSURE THE MAINTENANCE OF THE FLAME RETARDANT RATINGS.)

for more information, contact:



Fire Shield West

Division of Garland Co., Inc.
 500 West Paisano Dr.
 El Paso, Texas 79901
 (915) 544-3600

Pat. No. 4,737,406

Fire Proofing - Retardants and Sealants

MADE IN U.S.A.

Dear Customer:

READ ALL INSTRUCTIONS BEFORE USE

Thank you for your order of Inspecta-Shield flame retardant for the treatment of fabric, lumber, and other items that are either absorbent or will allow Inspecta-Shield to adhere to fibers.

Please follow all directions contained within this manual and listed on the product label.

<u>APPLICATION RATES FOR FABRICS</u>	<u>Oz Weight per square yard</u>	<u>Coverage rate per gallon</u>
Cotton Twill	7.9	600 square feet
Cotton Flannel	3.6	600 square feet
Cotton (Drapery/upholstery)	4.7	600 square feet
Rayon	2.8	500 square feet
Silk	2.0	500 square feet
Polyester (satin)	2.5	600 square feet
Polyester (knit)	7.0	600 square feet
Olefin (polypropylene)	4.5	500 square feet
Acetate	3.7	500 square feet
Velours – 16 oz.	25	400 - 500 square feet
Blends of above		400 - 600 square feet

APPLICATION RATES FOR INTERIOR LUMBER 300 sq.ft. per gallon – all surface areas treated*

H.P.M.A. T-6839	White Pine	Class A	300 sq.ft./gallon
U.L. 79P1	Douglas Fir	Class A	300 sq.ft./gallon
Plywood, Particle Board, OSB	-----		300 sq.ft./gallon

*If material to be treated can only be treated on one side, the application rate is 150-sq. ft. on exposed side.

Dimensional lumber: 150 sq. ft. per gallon; all sides have to be sprayed. Use the following procedure and chart to determine linear square footage.

		A								
		½"	1"	2"	4"	6"	8"	10"	12"	
-Locate lumber dimension A & B on graph	1"	4	3	2	1 ¼	¾	¾	¾	¾	1/3
-Locate # at crosspoint – C	2"	2 1/3	2	1 ½	1	¾	2/3	½	1/3	
-L – linear feet	4"	1 1/3	1 1/4	1	¾	2/3	--	--	---	
-Sq. = square feet	B	6"	---	¾	¾	2/3	1/3	--	--	3
		8"	---	¾	2/3	---	--	--	--	5 1/3
Formula L / C = sq. ft.		10"	---	¾	½	---	--	--	---	---
i.e.: a4 x 6 pine 100 linear feet long = 166 sq. ft.		12"	---	1/3	1/3	---	---	--	---	---

Textile application rates are based on independent test results when either spray, immersion or pad method-applied product. Textile weights ranged from 1.7 oz. to 25 oz. per square yard.

Lumber application rates are based on independent test results when spray, roller, immersion or pressure impregnation processes applied product.

Application rates may vary with the weight, density and the code for which treated materials are intended to comply with. (Some items may need to be treated more than once to ensure proper coverage rates).

Fire Shield West technical staff is available for assisting you with any additional information on specific application rates and processes.

APPLICATION RATES FOR MISCELLANEOUS ITEMS

Christmas trees	ft./quart- Bushier trees may need more.	Bales of Hay	75 – sq. ft./gallon
Paper	800-sq. ft./gallon (vegetable-based)		

All specifications and suggestions appearing on our labels and literature concerning the use of our products are based upon tests and data believed to be reliable. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Fire Shield West as results to be obtained.