



Dear Customer:

READ ALL INSTRUCTIONS BEFORE USE !

Thank you for your order of Inspecta-Shield™ flame retardant for the treatment of fabric, lumber, evergreens 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.

APPLICATION RATES FOR FABRICS

	<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 B	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									
		1 1/2"	1"	2"	4"	6"	8"	10"	12"		
- Locate lumber dimension A and B on graph	1"	4	3	2	1 1/4	3/4	3/4	3/4	1/3		
- Locate no. at crosspoint - C	2"	2 1/3	2	1 1/2	1	3/4	2/3	1/2	1/3		
- L - linear feet	4"	1 1/3	1 1/4	1	3/4	2/3	---	---	---		
- sq = square feet	B	6"	---	3/4	3/4	2/3	1/3	---	---	3	
		8"	---	3/4	2/3	---	---	---	---	5 1/3	
Formula: L + C = sq.ft.	10"	---	3/4	1/2	---	---	---	---	---	---	
i.e.: a 4x6 pine 100 linear feet long = 166 sq. ft.	12"	---	1/3	1/3	---	---	---	---	---	---	

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

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

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).

N.Y. Fire-Shield, Inc. technical staff is available for assisting you with any additional information on specific application rates and processes.

APPLICATION RATES FOR MISCELLANEOUS ITEMS

Christmas Trees	7 ft./quart - Bushier trees may need more.	Bales of Hay	75 sq.ft./gallon
Paper	800 sq.ft./gallon (vegetable-based)		
Spanish Moss	Cannot be flameproofed if live; dead Spanish Moss: 300 sq.ft./gallon (drench it).		

All specifications and suggestions appearing on our labels and in our 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 New York Fire-Shield as to the effects of such use or the results to be obtained.