

# AIR FILTER TESTING LABORATORIES, INC.

4632 Old LaGrange Road Crestwood, Kentucky 40014

REPORT NO. 8876 TEST NO. 1

## PAINT ARRESTER FILTER PERFORMANCE TEST REMOVAL EFFICIENCY AND PAINT HOLDING CAPACITY

### DEVICE TESTED

TEST REQUESTED BY	SUPERIOR GLASS FIBERS
MANUFACTURER	SUPERIOR GLASS FIBERS
PRODUCT NAME	2 1/2" POLYBACK GLASS
HOW LABORATORY PROCURED TEST SAMPLE	FURNISHED BY MANUFACTURER
MODEL NO.	ASW25-204-18-C-C-00
DIMENSIONS	<u>20 1/4</u> IN. H <u>20 1/4</u> IN. W <u>2 1/2</u> IN. D
PRODUCT DESCRIPTION:	<u>FIBERGLASS WITH SYNTHETIC BACKING</u>

### TEST CONDITIONS

AIRFLOW RATE	150	FPM
PAINT APPLICATION RATE	1	QT/40 MIN
AIR TEMPERATURE	80	DEGREE F
DESCRIPTION OF PAINT USED	<u>GUARDSMAN 62% HIGH SOLIDS BAKE ENAMEL</u>	

### TEST RESULTS

INITIAL RESISTANCE CLEAN PAINT ARRESTER FILTER	.05	IN. W.G.				
WEIGHT GAIN PAINT ARRESTER FILTER	4068.4	GRAMS				
FINAL ARRESTANCE FILTERS WEIGHT GAIN	38.39	GRAMS				
TOTAL WEIGHT PAINT FED (DRY BASES)	4106.79	GRAMS				
FINAL RESISTANCE PAINT LOADED PAINT ARRESTER FILTER	.53	IN. W.G.				
PERFORMANCE TO CHANGE OUT RESISTANCE	.50	IN. W.G.				
AVERAGE PAINT OVER SPRAY REMOVAL EFFICIENCY	99.1	%				
PAINT HOLDING CAPACITY	<table border="1" style="display: inline-table;"><tr><td>3966.5</td><td>GRAMS</td></tr></table> OR	3966.5	GRAMS	<table border="1" style="display: inline-table;"><tr><td>8.74</td><td>POUNDS</td></tr></table>	8.74	POUNDS
3966.5	GRAMS					
8.74	POUNDS					

DATES OF TEST 9-11-1995  
 TEST SUPERVISOR W.T.S  
 ENGINEERING APPROVAL William T. Smith

