

AIR FILTER TESTING LABORATORIES, INC.

4632 Old LaGrange Road Crestwood, Kentucky 40014

REPORT NO. 7060 TEST NO. 1

PAINT ARRESTOR FILTER PERFORMANCE TEST REMOVAL EFFICIENCY AND PAINT HOLDING CAPACITY

DEVICE TESTED

TEST REQUESTED BY AIR FILTRATION CO., INC.
MANUFACTURER AIR FILTRATION CO., INC.
PRODUCT NAME STYRO-BAFFLE
HOW LABORATORY PROCURED TEST SAMPLE FURNISHED BY MANUFACTURER
MODEL NO. SA220
DIMENSIONS 20 IN. H 20 IN. W 2 IN. D
PRODUCT DESCRIPTION: MOLDED STYROFOAM BAFFLE TYPE PAINT ARRESTOR. THREE
PIECE BAFFLE WITH CONNECTING END CAPS.

TEST CONDITIONS

AIRFLOW RATE

100	FPM
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PAINT APPLICATION RATE

1	QT/40 MIN
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AIR TEMPERATURE

70-75	DEGREE F
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DESCRIPTION OF PAINT USED 62% HIGH SOLIDS STEELCASE

TEST RESULTS

INITIAL RESISTANCE CLEAN PAINT ARRESTOR FILTER

0.15	IN. W.G.
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WEIGHT GAIN PAINT ARRESTOR FILTER

2925.3	GRAMS
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FINAL ARRESTANCE FILTERS WEIGHT GAIN

37.79	GRAMS
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TOTAL WEIGHT PAINT FED (DRY BASES)

2963.09	GRAMS
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FINAL RESISTANCE PAINT LOADED PAINT ARRESTOR FILTER

0.60	IN. W.G.
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PERFORMANCE TO CHANGE OUT RESISTANCE

-	IN. W.G.
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AVERAGE PAINT OVER SPRAY REMOVAL EFFICIENCY

98.72	%
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PAINT HOLDING CAPACITY

2925.3	GRAMS
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 OR

6.45	POUNDS
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DATES OF TEST
TEST SUPERVISOR
ENGINEERING APPROVAL

1-29-1993

W.T.S.

David J. Murphy Jr.

