

RESEARCH PRODUCTS PAINT ARRESTOR TEST SUMMARY

Test Number: 2047

Date: 11-8-96

Purpose of Test: For Research Products Corp., Standard Product Evaluation



Paint Arrestor Identification

Paint Identification

PA Model: 3300 Series Spra-Gard High Efficiency
 Paint Arrestor
 Manufacturer: Research Products Corporation
 Number of Pads in Series: 1
 Pad Type (Production, Experimental): Production

Paint Type: High Solids
 Manufacturer ID: 63-3864
 Color: Gray
 Density (lb/gal): 12.9

Manufacturer: Lilly Industries
 User ID: RP
 Thinner Used: Xylol
 Viscosity (Ford #4 - sec): 51

Test Conditions

Duct Velocity (fpm): 150
 Gun Manufacturer & Model: DeVilbiss JGA-502
 Tank Pressure (psi): 10
 Gun Distance from PA (ft): 6

Paint Feedrate (gal/hr): 1
 Nozzle and Air Cap: 54FX
 Atomization Pressure (psi): 20

Test Summary

Pressure Drop (" w.c.)		Efficiency (%)		Paint Collection (lbm)	
Initial	Final	Initial	Average	Total	Run Off
0.067	0.200	99.70	99.66	4.2	0.0
0.067	0.500	99.70	99.70	5.7	0.0

Face Velocity (fpm)	50	100	150	200
Initial Pressure Drop (" w.c.)	0.016	0.039	0.067	0.107

GRAPH
PRESSURE DROP AND EFFICIENCY vs PAINT COLLECTED

