

PAINT ARRESTANCE FILTER TEST REPORT
Spray Removal Efficiency & Paint Holding Capacity

Filter Name: **15 Grams Paint Arrestor**
Report#/Test# **R 660 T 760**
Report Date: **March 16, 2005**

Test Information

FILTER DESCRIPTION:

White/Green highloft fiberglass

PAINT DESCRIPTION:

High Solids Baking Enamel (S.W. #1 Permaclad 2400, red)

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

137 gr./min. 130 cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.02 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.14 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

3925 grams

P AINT HOLDING CAPACITY of TEST FILTER

1073 grams = 2.4 lbs.

PAINT RUN-OFF

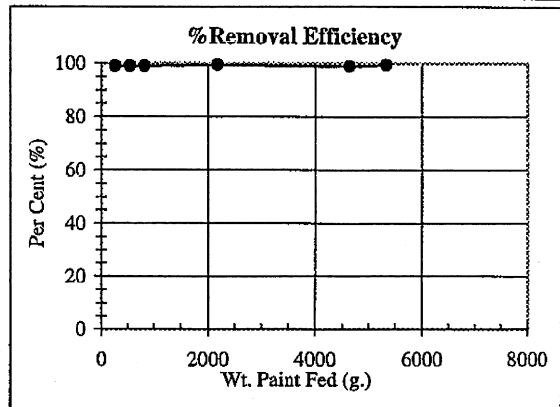
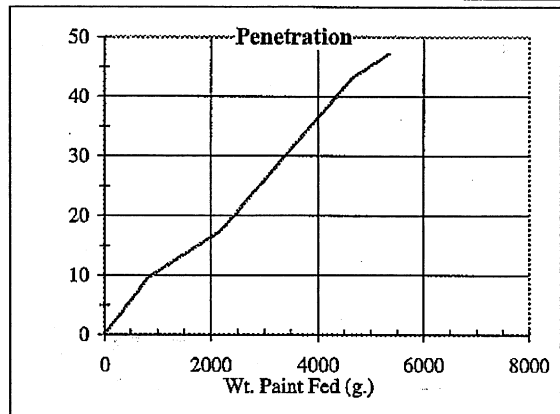
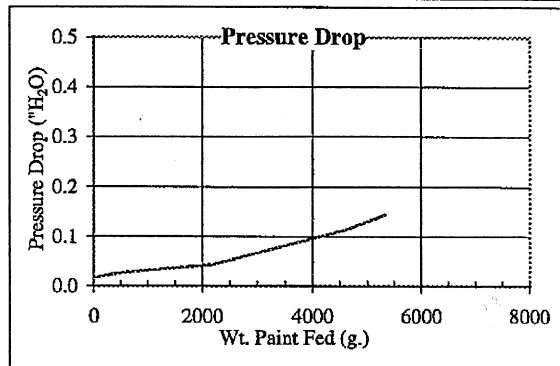
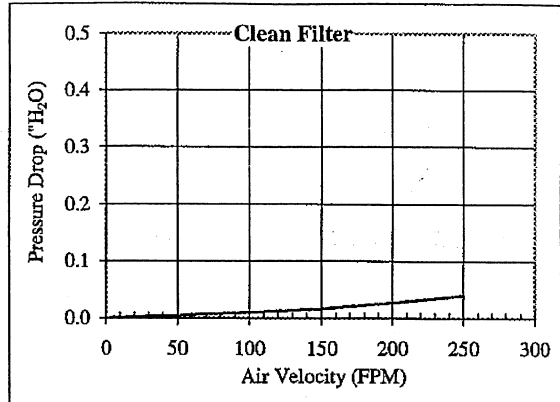
2852 grams

WEIGHT GAIN on FINAL FILTER

47.1 grams = PENETRATION

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

98.81 %



Test Engineer: Todd Kruger
Supervising Engineer: K. C. Kwok, Ph.D.