

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

Tested for: **Air Flow Technology**  
 Filter Mfr.: **Air Flow Technology**  
 Filter Name: **E75**  
 Report#./Test#: **R 872 T 972**  
 Report Date: **October 7, 2007**

**Test Information**

**FILTER DESCRIPTION (20" x 20" pad):**

1" Polyester

**PAINT DESCRIPTION:**

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

**PAINT SPRAY METHOD:**

Conventional Air Gun at 40 PSI

**SPRAY FEED RATE:**

**138** gr./min.                      **130** cc./min.

**AIR VELOCITY:**

**150** FPM

**Test Results**

**INITIAL PRESSURE DROP of Clean Test Filter**

**0.06** in. water

**FINAL PRESSURE DROP of Loaded Test Filter**

**0.50** in. water

**WEIGHT GAIN on TEST FILTER & Test Frame Trough**

**1919** grams

**PAINT HOLDING CAPACITY of TEST FILTER**

**1766** grams =                      **3.9** lbs.

**PAINT RUN-OFF**

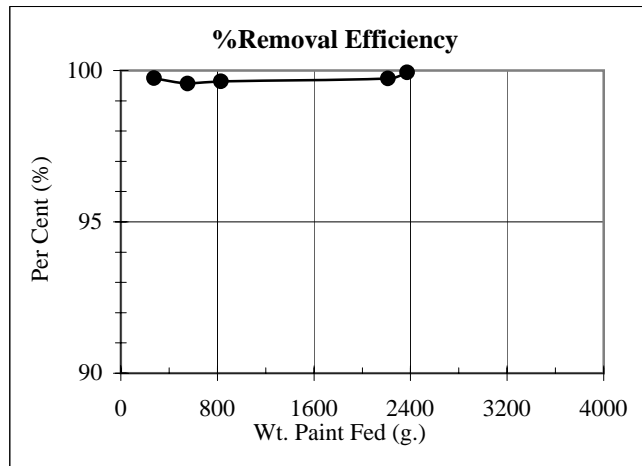
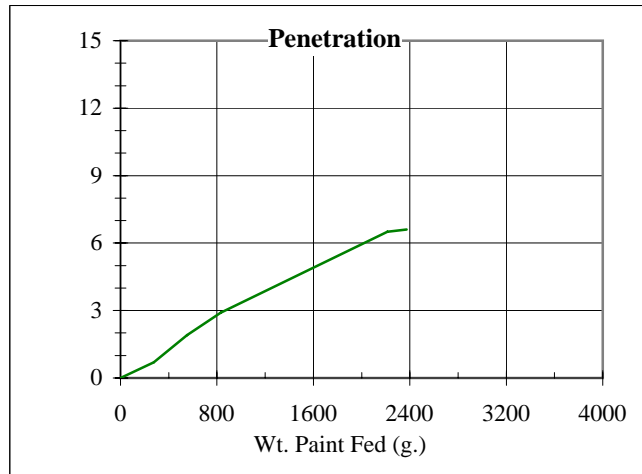
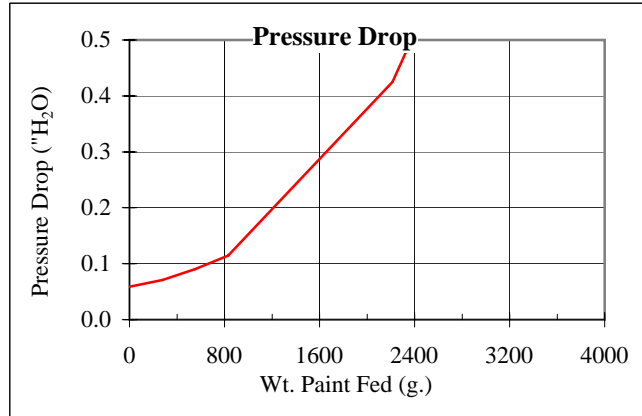
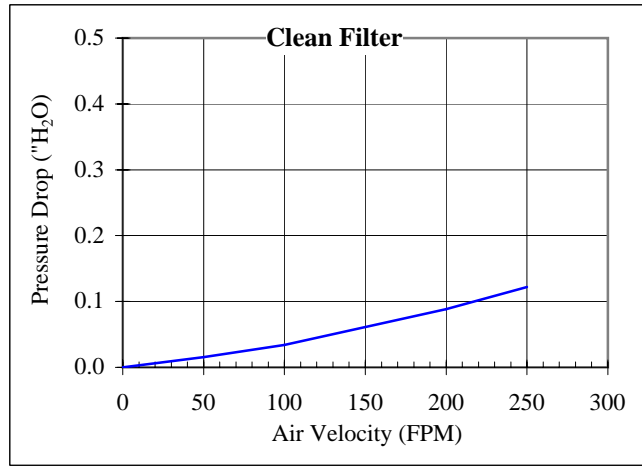
**153** grams

**WEIGHT GAIN - FINAL FILTER**

**6.6** grams =                      **PENETRATION**

**AVERAGE REMOVAL EFFICIENCY of TEST FILTER**

**99.66** %



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