

VISKON-AIRE

Air Filter Products

PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD

Tested for: **Viskon-Aire**
 Filter Mfr.: **Viskon-Aire**
 Filter Name: **XHD**
 Report#/Test#: **R502 T602**
 Report Date: **January 6, 2010**

Test Information

FILTER DESCRIPTION: (20" X 20")

Yellow fiberglass with white backing

PAINT DESCRIPTION:

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

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

144 gr./min. **135** cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.03 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.09 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

3916 grams

PAINT HOLDING CAPACITY of TEST FILTER

1202 grams = **2.6** lbs.

PAINT RUN-OFF

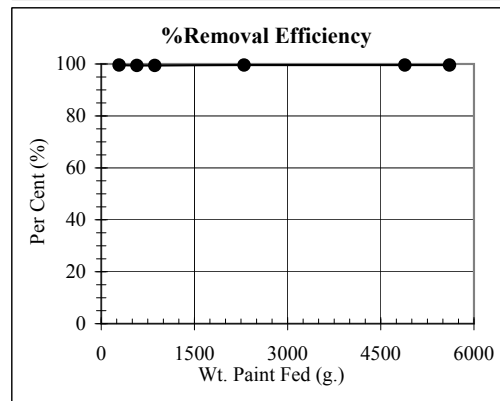
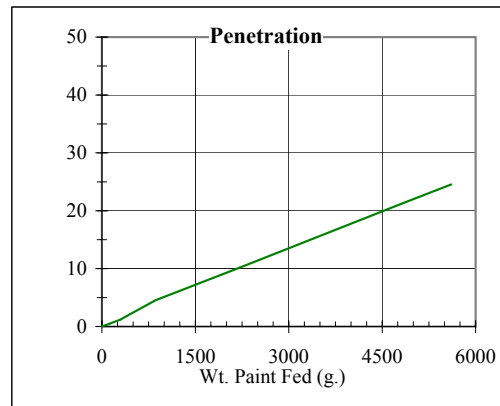
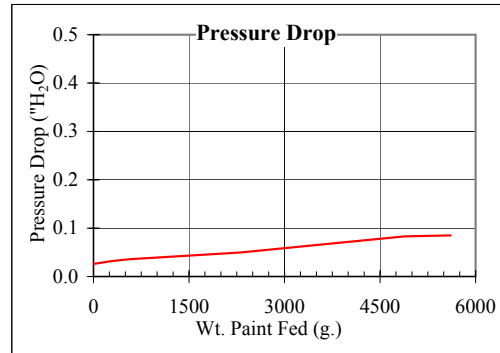
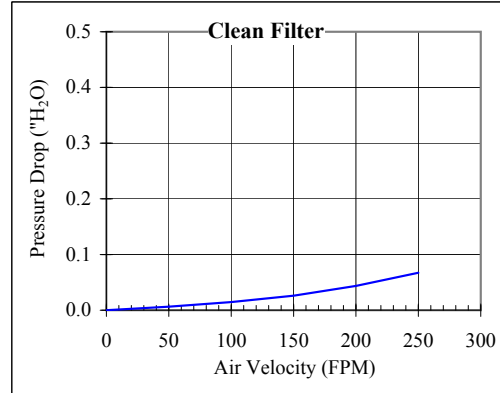
2714 grams

WEIGHT GAIN on FINAL FILTER

24.55 grams = **PENETRATION**

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.38 %



Test Engineer: Todd Kruger

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