

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

Tested for: **AEREM Industrie, Inc.**
 Filter Mfr.: **AEREM Industrie, Inc.**
 Filter Name: **U Cube**
 Report#./Test# **R 803AN T 904**
 Report Date: **October 1, 2019**

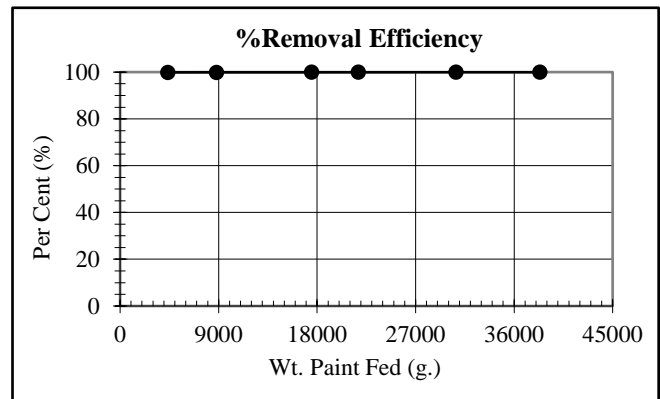
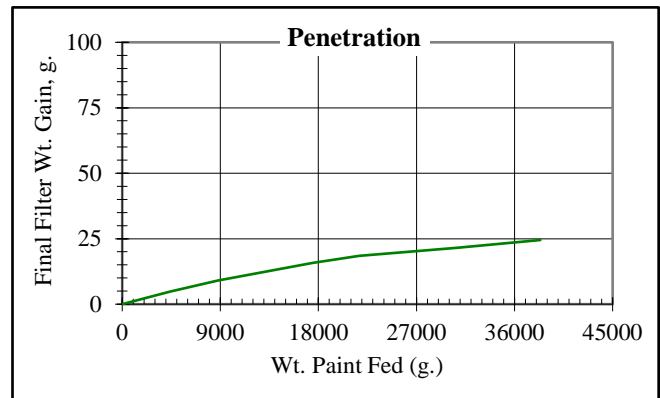
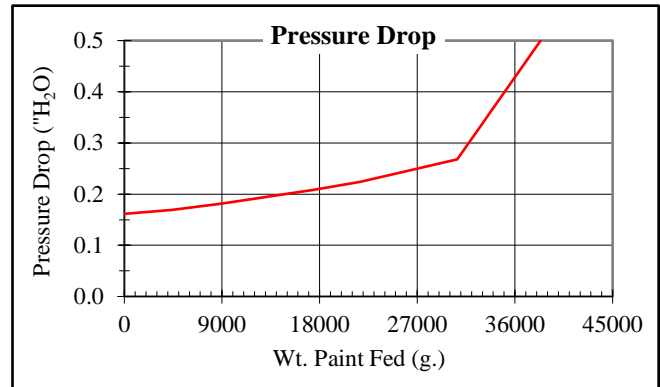
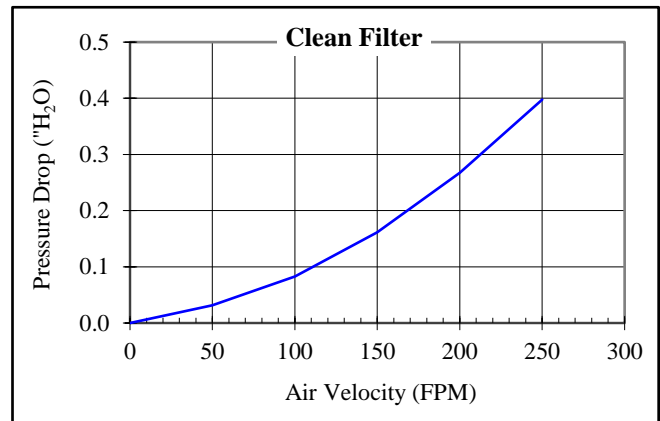
Test Information

FILTER DESCRIPTION: (20x20x15")
 Box Impactor paint Arrestor with final highloft poly pad
PAINT DESCRIPTION:
 Polane 8890 with V66V55 and V6V768
PAINT SPRAY METHOD:
 Conventional Air Gun at 40 PSI
SPRAY FEED RATE:
 155 gr./min. 135 cc./min.
AIR VELOCITY:
 150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter
 0.16 in. water
FINAL PRESSURE DROP of Loaded Test Filter
 0.50 in. water
WEIGHT GAIN on TEST FILTER & Test Frame Trough
 18153 gram
PAINT HOLDING CAPACITY of TEST FILTER
 18153 grams = 40.0 lbs.
PAINT RUN-OFF
 0 grams
WEIGHT GAIN on FINAL FILTER
 24.5 grams = **PENETRATION**
AVERAGE REMOVAL EFFICIENCY of TEST FILTER
 99.87 % 99.92%

Efficiency based on paint fed not filter weight gain



Test Engineer: Jose Tizcareno
 Supervising Engineer: K. C. Kwok, Ph.D.