



Superior Fibers EU Ltd.[®]

Glass Fibre for Composites and Air Filtration

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Product Specification Sheet

1. **Product Name:** FA500/2 Filter Media
2. **Product Description Details:** Glass fibre monofilament bonded media
3. **Typical Application:** Paint overspray collection
4. **Max Continuous Operating Temperature:** 150°C
5. **Packaging Information:** Wrapped on a 3"/75mm cardboard core, sealed in a polythene bag, tie wired one end and labeled with product details, dimensions and product traceability reference
6. **Tariff Code:** 7019.39.0050
7. **MSDS Reference:** SFI 0001
8. **REACH Classification:** Defined as an "Article" and therefore not covered by REACH classification

Description	Imperial Measurement	Metric Measurement
Glass Weight – nominal	16gm/ft ²	175gm/m ²
Free Thickness	2.75-3"	65-75mm
Adhesive weight	0	0
Colour	Green Entry/White Exit	Green Entry/White Exit
Roll Lengths	66'/132'/200'/266'/300'	20m/40m/60m/80m/91m
Slit width tolerance	0.5"	12mm
Backing Skin	20%	20%
General Tolerance	+/-10%	+/-10%
Maximum Working Temp	300°F	150°C
Fire Resistance EN 13501-1	n/a	A2 – No significant contribution to fire growth

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

Tested for: **Superior Fibers**
 Filter Mfr.: **Superior Fibers**
 Filter Name/Model: **FA500/2**
 Report#./Test#: **R 779 T 879**
 Report Date: **August 11, 2010**

Test Information

FILTER DESCRIPTION (20" x 20" pad):

Green on white highloft fiberglass pad

PAINT DESCRIPTION:

Kern Aqua 600T, water reducible enamel

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

131 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

0.50 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

2587 grams

PAINT HOLDING CAPACITY of TEST FILTER

2145 grams = 4.7 lbs.

PAINT RUN-OFF

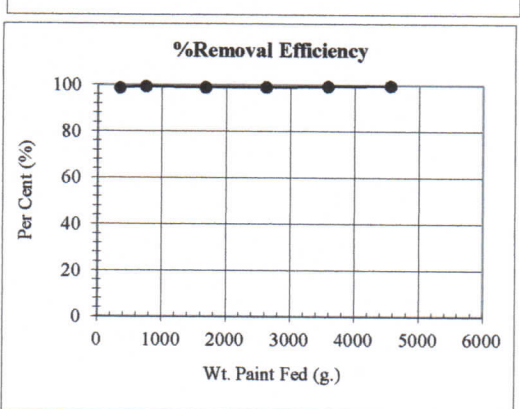
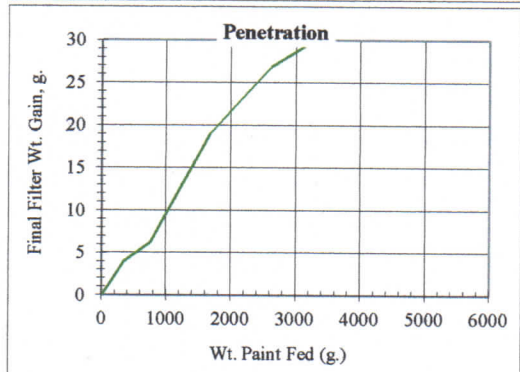
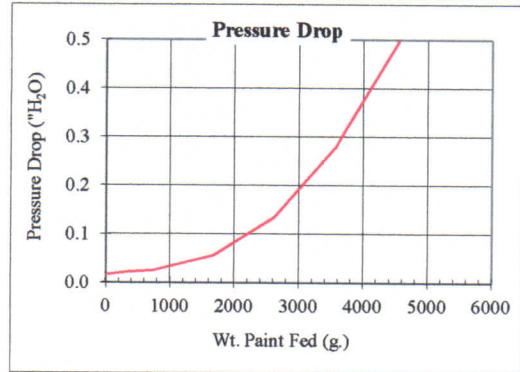
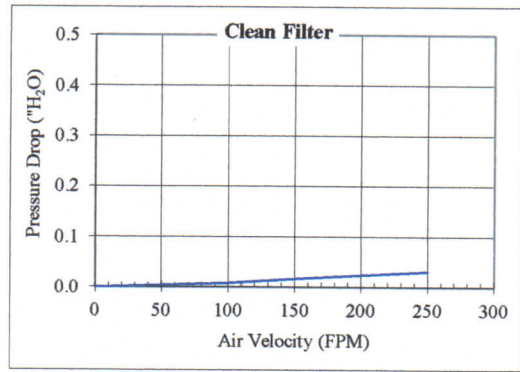
442 grams

WEIGHT GAIN - FINAL FILTER

33.0 grams = PENETRATION

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

98.74 %



Test Engineer: Al Vatine
 Supervising Engineer: K. C. Kwok, Ph.D.