



October 22, 2010

Mr. Mark Edwards
Senior Executive Vice President
PHIFER Incorporated
P.O. Box 1700
4400 Kauloosa Avenue
Tuscaloosa, Alabama 35401-7042

Dear Mr. Edwards,

This letter is sent to confirm that the following SheerWeave® window treatment fabrics with Microban antimicrobial technology pass these Antifungal and Antibacterial test methods:

ASTM E-2180 – A quantitative bacterial test for hydrophobic flat materials. This 72-hour test is conducted in a Petri dish and the bacteria population on the treated piece is recovered and enumerated and compared against the bacterial population on the untreated sample. Treated samples showed >99.9% reduction with respect to untreated controls.

Sheerweave 4000 Series with Microban	Pass, No Growth
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ASTM G22 – A qualitative Petri dish-based bacterial test with extensive contact between the bacteria and the test sample surface for a long duration of 28 days.

Sheerweave 4000 Series with Microban	Pass, No Growth
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AATCC 30 Part III - Qualitative evaluation of antifungal activity. Samples are inoculated with a standardized number of fungal spores, incubated for 7 days and then evaluated for antifungal performance.

Sheerweave 4000 Series with Microban	Pass, No Growth
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ASTM D3273 – This 28 day qualitative fungal test is performed in a chamber that simulates a highly aggressive 'real world' environment of rainforest-like conditions with high temperatures (90°F) and high relative humidity (>95%R.H.)

Sheerweave 4000 Series with Microban	Pass, No Growth
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ASTM 6329 – A qualitative fungal test in which fungal spores of a known quantity are placed on the surface of a treated and control sample. Test samples are incubated in Petri dishes for 21 days at 25°C and 95% relative humidity.

Sheerweave 4000 Series with Microban	Pass, No Growth
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Microban antimicrobial technology can also be applied to the following similar styles:

SheerWeave Styles

- Style 4000 Style 4650
- Style 4100 Style 4700
- Style 4400 Style 4800
- Style 4500 Style 5000
- Style 4550 Style 3000
- Style 4600

Sincerely,

Ivan Ong, Ph.D. | V.P., R&D