

Carpets Specifically Designed
for the Healthcare Industry

Bioguard[®]

Lees Carpets has used state of the art antimicrobial, antibacterial, and antifungal technology to develop Bioguard[®] carpets, a collection of commercial broadloom and modular carpets that enhance patient comfort.



The Bioguard Advantage

The active antimicrobial ingredient in Bioguard has passed stringent performance tests and has been engineered to last for the life of the carpet.

- Controls the growth of gram positive and gram negative bacteria, mold, and fungi on both the face and fiber backing.
- Inhibits mold and mildew, as well as the odors associated with both.
- Safeguards against premature carpet discoloration caused by microbial contamination.

Bioguard Makes The Difference

- EPA registered product
- Products containing the active antimicrobial agent have been approved for intimate skin contact.
- Products containing the active antimicrobial agent have been registered with the Food and Drug Administration.
- Bioguard is insoluble in water.
- Contains no arsenic, heavy metals, or metal salts.
- Has low toxicity level of approximately 4000 mg/kg, comparable to that of artificial sweeteners.

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AATCC Test Method 174, Part I

(representative test results)

Qualitative assessment of the antibacterial activity on carpets: Single streak method.

SAMPLE IDENTIFICATION

	S. aureus	K. pneumoniae
Fiber Results	NG/5mm	NG/3mm
Backing Results	NG/6mm	NG /3mm

Interpretation of results

NG = No growth under specimen in contact area

G = Growth under specimen in contact area

NZ = No zone of inhibition around the specimen

(mm) = Zone of inhibition reported in millimeters

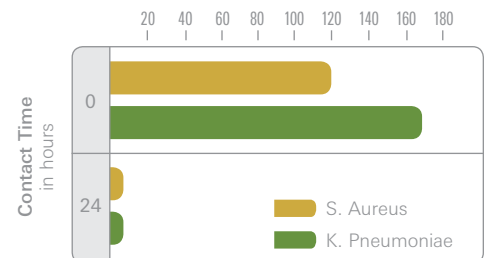
AATCC Test Method 174, Part II

(representative test results)

Antibacterial activity on carpets.

	S. aureus	K. pneumoniae
"0" contact time	1.2 x 10 ²	1.7 x 10 ²
24-hour contact time	<1.0 x 10 ²	<1.0 x 10 ²
Percent reduction	99.92	99.94

Microbial Count (CFU) in thousands



AATCC Test Method 174, Part III

(representative test results)

Antifungal activity assessment of carpet: Mildew and rot resistance.

SAMPLE IDENTIFICATION

	Growth
Fiber Results	0
Backing Results	0

Interpretation of results: Observed growth on sample

0 = No growth (report the size of the growth free zone in millimeters, if present)

1 = Microscopic growth (visible only under the microscope)

2 = Macroscopic growth (visible to the eye)