

# Comfort-King™ Anti-microbial\*

Anti-fatigue • Anti-microbial\*  
Electro-static Dissipative (ESD) Mat



## FEATURES AND BENEFITS

- Superior Relief From Standing Fatigue
- Greater Bounce Resilience
- Greater Durability
- Anti-Microbial\*
- Static Dissipative
- Better Performance In Low Temperatures
- Greater Chemical Resistance
- Greater Slip Resistance

## APPLICATION

- Health Care Environments
- Hospitals/Operating Rooms
- Critical Care/Trauma Centers
- Medical Research Centers
- Extended Care Facilities
- Day Care Centers
- Exercise/Sports/Athletic Facilities

## APPLICABLE STANDARDS

- Anti-Microbial\*:  
AATCC Test Method # 147 — 1998  
AATCC Test Method # 30 — 1998
- ESD: 10<sup>9</sup> OHMS per square  
RTT and RTG measured  
per EOS/ESD DS 7.1-1991

## PRODUCT AVAILABILITY

- Mat Sizes: 2' x 3', 3' x 4', 3' x 5',  
3' x 10' and 4' x 6'
- Roll Sizes: 2' x 60', 3' x 60', 4' x 60'  
and 6' x 60'
- Thickness: 3/8"
- Color: Gray
- Beveled Edges

Comfort-King™ Anti-microbial\* anti-fatigue, ESD matting is produced with an anti-microbial agent which inhibits the growth of many microorganisms on the mat surface including: *Enterobacter aerogenes*, *Staphylococcus aurea*, *Enterobacter cloacae*, *Salmonella schottmuelleri*, *Escherichia coli*, *Aureobasidium pullulans*, *Stachybotrys chartarum* and *Aspergillus flavus*.

\* The anti-microbial agent in this product inhibits organism growth on the matting. This product does not impart anti-microbial activity to surfaces that it may come in contact with.





# Comfort-King™ Anti-microbial\*



## Inhibits Growth of Organisms

Each Comfort-King™ Anti-microbial\* mat is produced with an anti-microbial agent which prevents/inhibits the growth of microorganisms on the mat surface and is tested to work under extreme conditions to withstand the following types of bacteria and fungi listed below. The anti-microbial agent in this product inhibits organism growth on the matting. This product does not impart anti-microbial activity to surfaces that it may come in contact with.

Lot number test data is on file showing 100% contact inhibition on *Enterobacter aerogenes* and *Aureobasidium pullulans*. The other listed bacteria and fungi would achieve 100% inhibition as they are less difficult to control.

### BACTERIA

- *Enterobacter aerogenes*
- *Enterobacter cloacae*
- *Salmonella schottmuelleri*
- *Escherichia coli*
- *Pseudomonas aeruginosa*
- *Clostridium oroticum*
- *Bacillus megaterium*
- *Proteus mirabilis*
- *Salmonella typhimurium*
- *Morganella morganii*
- *Bacillus subtilis*
- *Streptovorticillium reticulum*
- *Klebsiella pneumoniae*
- *Bacillus cereus*
- *Brevibacterium ammoniagenes*
- *Bacillus mycoides*
- *Staphylococcus aurea*
- *Acinetobacter calcoaceticus*

### FUNGI

- *Aureobasidium pullulans*
- *Stachybotrys chartarum*
- *Aspergillus flavus*
- *Aspergillus fumigatus*
- *Aspergillus niger*
- *Mucor racemosus*
- *Penicillium funiculosum*
- *Penicillium variabile*
- *Schizophyllum commune*
- *Serpula lacrymans*
- *Rhizopus sp.*
- *Curvularia genticulata*
- *Trichophyton mentagrophytes*
- *Trichoderma viride*
- *Alternaria alternata*
- *Poria placenta*
- *Gloeophyllum trabeum*
- *Lentulus lepideus*





# Comfort-King™ Anti-microbial\*

## Product Specifications

**Comfort-King™ Anti-microbial\* industrial grade anti-fatigue mats are made of Zedlan™ foam, specially formulated to give superior wear with exceptional resiliency in polymer foams.**

Surface Configuration:	Embossed pebble design
Average Durometer:	50 (Shore 00)
Abrasion Resistance:	<.5 gram loss ASTM D4060 Wheel (H38-2000 REV)
Resiliency:	30 min. ASTM D2632
Electrical Properties:	Foam is static dissipative (10 <sup>9</sup> ohms per sq.) RTT and RTG measured per EOS/ESD DS 7.1-1991
Average Density:	22 lbs/ft <sup>3</sup> (20-24 lbs/ft <sup>3</sup> )
Flammability:	Meets the flammability requirement of D.O.C.-FF-1-70 (Pill Test)
Anti-Microbial*:	AATCC Test Method #147 - 1998 AATCC Test Method #30 - 1998
Thickness:	.375" (- .030" + .035")
Mat Sizes:	2' x 3', 3' x 4', 3' x 5', 3' x 10' and 4' x 6'
Roll Sizes:	2' x 60', 3' x 60', 4' x 60' and 6' x 60'
Tolerance:	Length +/- 1" Width +/- 1/2"
Color:	Gray
Average Weight:	5.1 lbs/yd <sup>2</sup> , minimum LTMV025

\* The anti-microbial agent in this product inhibits organism growth on the matting. This product does not impart anti-microbial activity to surfaces that it may come in contact with.

Siemens Nederland N.V.  
ESD Services  
Remmerden 5  
3911 TZ Rhenen  
P.O. Box 129  
3910 AC Rhenen  
The Netherlands  
Phone +31 31 7398 787  
Fax +31 31 7398 780

