



HYGIENGUARD – BACTERIOSTATIC TREATMENT

Guarantees product resistance to attacks and insurgence of bacteria and moulds

TENDITALIA in order to keep its high quality standard, has included in all its chemical formulation a special antibacteric treatment: "HYGIENGUARD®".

All fabrics with Hygienguard® treatment have a fungal and bacterial resistance, they are treated with the active substance: Butylbenzothiazolinone

ASTM G-21 Fungal Resistance test

The mixed fungal suspension consists of:

- | | |
|--|----------|
| <input type="checkbox"/> Aspergillus niger | ATCC9642 |
| <input type="checkbox"/> Aureobasidium pullulans | ATCC9348 |
| <input type="checkbox"/> Chaetomium globosum | ATCC6205 |
| <input type="checkbox"/> Gliocladium virens | ATCC9645 |
| <input type="checkbox"/> Penicillium funiculosum | ATCC9644 |

RABIT Antibacterial Test

All fabrics are inoculated with the following bacterial inoculum:

- Eschericia coli
- Pseudomonas aeruginosa
- Staphylococcus aureus
- Klebsiella pneumonie
- Micrococcus epidermis
- Streptococcus faecalis
- Proteus vulgaris
- Salmonella typhimurium

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Each of the samples was placed onto the surface of moistened vermiculite in humidity chambers and sprayed with a mixed spore suspension of the following fungi:

- | | |
|--|-------------|
| <input type="checkbox"/> Aureobasidium pullulans | PRA FS8 |
| <input type="checkbox"/> Fusarium solani | CMI 1172506 |
| <input type="checkbox"/> Penicillium funiculosum | CMI 114933 |
| <input type="checkbox"/> Scopulariopsis brevicaulis | CMI 49528 |
| <input type="checkbox"/> Streptoverticillium waksmanii | NCIB 10991 |

We trust that this information has been of interest and assistance. If you require further information, don't hesitate to contact us.