

ersto Tizer

ANTIVRAL ANTIBACTERIAL SURFACE COATING



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PERMANENT ANTIMICROBIAL ANTIVIRAL SURFACE COATING
WITH AN EFFECTIVENESS OF > 99.99%,
24 HOURS A DAY - AROUND THE CLOCK



CONTACT US

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POINT OF CONTACT



ANTIVIRAL ANTIBACTERIAL SURFACE COATING

APPLICATION & SELF-DISINFECTING EFFECT

- By forming an ultra-thin layer of glass, erstotizer protects, among other things, against micro-scratches. Under mechanical abrasion, the protective layer is abraded before the substrate is damaged. A unique GLIDE function, ensures that any abrasive contact materials glide over the treated surface and leave fewer traces.
 - The surface is first cleaned and polymerized (step 1).
 - Subsequently, the modified silica delivers a safe and permanent antimicrobial function (Step 2).
 - A non-migrating antimicrobial glass layer is created. For certification and use in food contact sectors, national or local law must be observed.
 - erstotzier is suitable for all water-resistant surfaces*.
 - To meet the highest demands of test standards in the supply chain, color coding confirms the antimicrobial agents level of performance.
- * Do not use if safe application is in doubt.

PROPERTIES

- erstotizer creates an invisible physical barrier to destroy microbes
- Protected surfaces act as a layer of swords to defend against microbial growth
- The positively charged atom of nitrogen attracts negatively charged cell membranes and punctures all microbes
- This physical kill terminates the life of the microbe
- This effect has been shown to be non-mutagenic in opposite to other active substance like Triclosan



Through wet wipe application, erstotizer preserves and therefore retains the value of any item. Additionally, the invisible seal of amorphous glass protects your most valuable assets: health and well-being.

- » **ANTIBACTERIAL**
Broad antibacterial activity (incl. multi-resistant bacteria)
- » **ANTIVIRAL**
Active against TGEV-coronavirus (model virus for SARS-CoV) and Influenza A
- » **PREVENTS ODORS**
Prevents microbial odors
- » **FUNGICIDAL**
Permanent fungicidal function
- » **DEFENDING MITES**
Deprives house dust mites of food
- » **PREVENTS MOLD GROWTH**
Prevents mold growth on smooth and textured surfaces
- » **FACILITATES CLEANING**
Facilitates cleaning and removal of limescale, soot, grease, dust etc.
- » **PROMOTES COMFORT**
Promotes comfort, well-being, and safety
- » **FREE FROM SVHC**
Especially free from fluorine, PBT & vPvB-substances
- » **DERMATOLOGICALLY TESTED**
Rating of "excellent"

APPLICATION AREAS



- Aircraft
- Hospitals
- Technology
- Household
- Sanitary
- Gastronomie
- Medicine
- Workstation
- Public
- Agriculture



NEW TECHNOLOGY

Erstotizer reduces germs by >99.99% (antimicrobial) based on ISO 22196

The measured reduction of germs corresponds to a log 4 reduction when using Erstotizer.

Antimicrobial effectiveness is already achieved with a reduction of log 3.

FUNCTIONAL
SURFACE
COATING

