

MADE
IN
GERMANY

resisto Bac

ANTIBACTERIAL **WALL COATING**

Antimicrobial Wall Coating for Hygienically Sensitive Interior Environments

Long-lasting microbial reduction.
Hygienically stable surfaces.
Developed for demanding interior applications.



PRODUCT PROFILE

resistobac is a high-opacity, water-based functional coating with antimicrobial properties for walls and ceilings in hygiene-critical interior environments.

The specially developed acrylic dispersion coating actively reduces microbial contamination directly on the surface and supports long-term hygienically stable indoor environments.

With a tested microbial reduction rate of >99.99% according to ISO 22196, resistobac is particularly suited for areas where hygiene, cleanability and surface stability are essential — from healthcare facilities to sensitive production environments.

DESIGNED FOR HYGIENICALLY SENSITIVE AREAS

resistobac is used wherever microbial contamination must be minimized and hygienic standards need to be maintained over the long term.

Typical Areas of Application

- Hospitals & healthcare facilities
- Patient rooms & adjacent operating areas
- Rehabilitation & therapy centers
- Schools, kindergartens & public buildings
- Food-related environments & hygienic production areas
- Sanitary facilities, corridors & high-traffic interior zones

ACTIVE AND PASSIVE HYGIENE PROTECTION IN ONE SYSTEM

Active Antimicrobial Protection

The coating forms a durable hygienic protection layer with integrated antimicrobial functionality.

resistobac supports the reduction of:

- gram-positive & gram-negative bacteria
- MRSA and other reference microorganisms
- enveloped viruses
- fungi & microbial contamination

The active ingredients remain permanently bound within the coating film and are non-leaching.

PASSIVE HYGIENIC PROPERTIES

In addition to active microbial reduction, resistobac also improves the hygienic quality of interior surfaces:

- smooth, high-opacity finish
- reduced dirt and nutrient accumulation
- improved cleanability
- wet abrasion class 1 for frequent cleaning & wipe disinfection

FEATURES & BENEFITS

- 99.99% microbial reduction according to ISO 22196
- high-opacity white interior coating
- solvent-free & low-emission
- virtually odorless
- wipe-disinfection resistant
- non-leaching technology
- resistant to common cleaning agents
- suitable for walls & ceilings
- long-lasting protection for up to 12 months

APPLICATION

resistobac can be efficiently integrated into existing renovation and hygiene concepts.

Application Properties:

- applicable by roller, brush or spray
- no chemical pre-treatment required
- suitable for recoating stable existing surfaces
- high coverage in only a few coats
- fast surface drying



Part of the ERST Hygiene System

resistobac can be used either as a standalone hygienic wall coating or integrated into comprehensive ERST hygiene solutions.

RECOMMENDED SYSTEM COMBINATIONS

Objective	Recommended Combination
Hygienically stable wall surfaces	resistobac
Combined surface & wall hygiene protection	resistobac + nomobac
Hygienic indoor air & humidity management	resistobac + erstoair
Mold prevention & hygienic remediation	resistobac + erstomould



TECHNICAL OVERVIEW

Property	Description
Base	Acrylic dispersion coating
Color	White, high-opacity
Microbial reduction	>99.99% according to ISO 22196
Wet abrasion class	Class 1
Cleanability	Wipe-disinfection resistant
Solvents	Solvent-free
Protection duration	Up to 12 months

FAQ

What is the difference between resistobac and nomobac?
resistobac is an opaque wall and ceiling coating designed for large interior surfaces.
nomobac is a transparent coating intended for high-contact surfaces and components.

How long does the antimicrobial effect last?
Depending on cleaning frequency and usage conditions, the antimicrobial protection can last for up to 12 months.

Can resistobac be applied over existing coatings?
Yes — provided the existing coating is stable and suitable for recoating. Test areas are recommended.

Does resistobac produce strong odors?
No. The coating is low-emission and virtually odorless.

ERST – System Solutions for Hygiene, Surfaces & Indoor Air

Scientifically grounded. Proven in practice. Designed for long-term performance.



CONTACT

ERST GmbH
Aiterhofener Str. 4
94330 Salching, Germany
+49 9426 76 33 033
info@erst.de
www.erst.de