resistobac

ANTIBACTERIAL **WALL COATING**

TECHNICAL
DATA SHEET

Functional antimicrobial dispersion coating
for hygiene-sensitive interior areas
Based on the German technical data sheet.

PROPERTIES

resistobac is a water-based functional dispersion coating for wall and ceiling surfaces with antimicrobial properties, high water repellency and good water vapour permeability.

The coating contains non-leaching active components and has been developed specifically for interior areas with elevated hygiene requirements.

resistobac is formulated as a high-opacity white coating and designed as a functional primer and finishing coat.

The antimicrobial efficacy has been tested and confirmed by accredited German testing laboratories in accordance with ISO 22196.

A germ reduction of >99.99% was demonstrated against relevant reference microorganisms.

The antimicrobial efficacy was tested, among others, against:

- Staphylococcus epidermidis DSM 18857
- Staphylococcus aureus DSM 799 / ATCC 6538
- Escherichia coli DSM 1576 / ATCC 8739
- Pseudomonas aeruginosa DSM 939 / ATCC 15442
- Klebsiella pneumoniae DSM 6135
- Acinetobacter baumannii DSM 30008 / ATCC 15308
- as well as MRSA-associated bacterial strains

APPLICATION

Application may be carried out by roller, brush or airless spray.

To adjust the material viscosity, a defined quantity of clean water may be homogenised with resistobac prior to application.

Recommended addition quantity:

- approx. 1–3 litres of clean water per container

Apply the homogenised mixture directly and generously onto the surface to be treated.

Allow a minimum drying time of 3 hours after application.
Ensure good ventilation during application and drying.
The substrate must not be frozen. The substrate temperature must be at least +5°C.

Mixing with third-party coating products or adding water outside the manufacturer's instructions may affect the warranted product properties and is therefore not recommended.

CLEANING OF EQUIPMENT

Clean tools and equipment with cold water immediately after use.

SURFACE PREPARATION

The substrate must be sound, dry and free from slurry, oil, grease, dust and any separating or adhesion-reducing residues.



TECHNICAL DATA

Property	Value
Gloss level	Satin matt
Touch dry	90 minutes
Recoatable	After approx. 2 hours
Fully cured	After 24 hours
Packaging	15 kg disposable plastic container
Wet abrasion resistance	Class 1
Density at 20°C	1.36 g/cm³
Solids content	Approx. 54%
Viscosity	Thixotropic
Colour	High-opacity white
Application temperature	Min. +5°C to +30°C
Opacity	Class 1
Shelf life	12 months, frost-free storage
Coverage	Approx. 8 m²/L, depending on substrate absorbency
Odour	Almost odour-neutral in liquid state; completely neutral after drying

PROTECTION & SAFETY

resistobac antimicrobial wall coating is solvent-free.

resistobac must only be used in its original form and in accordance with the manufacturer's instructions. It must not be mixed, enriched or diluted with other liquids or coating products.

Permitted exception: Mixol tinting concentrate for pastel shades, up to a maximum of 5% by volume.

After complete drying, the treated room may be used without restriction. Ensure adequate ventilation.

Remaining material should be stored airtight in the original container and used within 3 months.

Once residual material has fully dried, the container may be disposed of with household waste in accordance with local regulations.

Keep out of reach of children.

resistobac is suitable for use in occupied areas.

resistobac is free from nanoparticles and silver ions.

This information reflects the current state of technical development. Since application and processing are beyond our control, no liability claims may be derived from application.

The Technical Data Sheet and Safety Data Sheet must be observed. Always read the label and product information before use.

Use biocidal products safely.

AREAS OF APPLICATION

resistobac is suitable as a durable antimicrobial interior coating, particularly for:

- hospitals
- medical practices
- therapy and treatment rooms
- care homes and senior residences
- rehabilitation clinics
- facilities for people with disabilities
- sanitary areas
- high-traffic interior areas
- further hygiene-sensitive areas with elevated microbial exposure

The overcoatability of existing coatings must be assessed on a project-specific basis.

A test area is recommended.

CONTACT

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