

# resisto Bac<sup>®</sup>

ANTIBACTERIAL WALL COATING

## TECHNICAL DATA SHEET

RESISTOBAC antibacterial acrylate-based dispersion coating for protection against multi-resistant germs

### Properties

**RESISTOBAC** is an antibacterial dispersion coating for walls and ceilings strengthened carbonation-impeding effect, high water repellency and good water vapour diffusion capacity. The product contains non-leaching biocides. It is based on pure acrylate to protect plaster, concrete and masonry from contamination of bacteria, viruses, pathogenic germs, etc.

**RESISTOBAC** antibacterial wall coating is certified against 6 germs, including MRSA germs from accredited German test laboratories as antimicrobial and antimicrobial (>99.99% germ reduction) according to ISO 22196. The coating is highly opaque white and designed to be applied in a two-step-process as a primer and finish coat.

### Effectiveness

**RESISTOBAC** antibacterial wall coating has been successfully tested against the following germs:

- Staphylococcus epidermis DSM 18857
- Staphylococcus aureus DSM 799/ ATCC6538
- Escherechia coli DSM 1576 / ATCC 8739
- Pseudomonas aeruginosa DSM 939 / ATCC 15442
- Klebsiella pneumoniae DSM 6135
- Acinetobacter baumannii DSM 30008 / ATCC 15308

### Processing

Application is carried out by rolling, painting or airless spraying in two separate working steps.

# 1

#### PRECOATING

According to manufacturer's instructions, add the specified amount of water, stir well for approx. 2 minutes, apply directly and generously to the walls. Always treat rooms completely. Allow to dry for 1-2 hours.

# 2

#### MAIN COATING

Mix well for 2 minutes and apply directly on top of the pre-coat. Let it dry for 1-2 hours. Finished!













Ventilate rooms well. Surface must not be frozen. The temperature of the respective substrate must be at least 5° C above the freezing point! Mixing with foreign paint products or adding water in excess of the recommended amount may affect assured properties and are therefore not recommended.




### Equipment cleaning

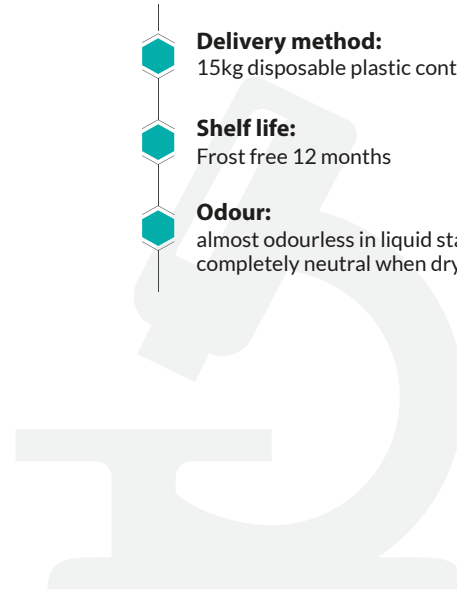
Clean equipment after use with cold water.

## Technical Data



 <b>Colour:</b> white	 <b>Grip-dry:</b> after 90 min.
 <b>Density at 20° C:</b> approx. 1,36g/cm <sup>3</sup>	 <b>Overcoatable:</b> after approx. 2 hours
 <b>Solid State:</b> approx. 54%	 <b>Cured/ Hardened:</b> after 24 hours
 <b>Viscosity:</b> thixotropic	 <b>Wet Abrasion:</b> Class 1
 <b>Processing temperature:</b> min. 5° C - 30° C	 <b>Opacity:</b> Class 1
 <b>Gloss:</b> semi-gloss	 <b>Consumption:</b> between 4,8 - 5,2m <sup>2</sup> /kg

 <b>Delivery method:</b> 15kg disposable plastic container
 <b>Shelf life:</b> Frost free 12 months
 <b>Odour:</b> almost odourless in liquid state - completely neutral when dry



## Protection & security

RESISTOBAC antibacterial wall coating is solvent-free.

RESISTOBAC should only be used in its original form and according to the instructions. It must not be mixed, enriched or diluted with other liquids or colors!

Permitted exception: Mixol tint concentrate in the pastel range, maximum 5% by volume. After the drying process, the room can be used again without restriction.

Ventilate rooms well! Remaining material should be sealed airtight in the original container and used within 3 months. After the residual material has dried out, the container can be disposed of with household waste. Keep material away from children!

RESISTOBAC is safe for use in inhabited areas.

RESISTOBAC is free of nanoparticles and silver ions (nanoparticles and silver ions are highly absorbable and harmful to health).

This information reflects the current state of development.

Since the application and processing is beyond our control, no liability claims can be derived from the application.

It is strongly recommended to observe and comply with the technical data sheet and the safety data sheet.

Always read the label and product information before use.

Use biocidal products safely!

## Area of application:

Suitable only for interior facades. Long-lasting indoor protection for highly-contaminated and humid areas.

Primarily used in hospitals, clinics, senior residences, nursing homes, rehab clinics, disabled facilities, residences and facility management.

May also be suitable as a permanent coating for other mineral substrates. Formerly coated/painted walls can usually be re-coated with RESISTOBAC. However, it is recommended to make test areas first.

## Surface Preparation

A chemical or mechanical cleaning of the walls is not required. The substrate must be load-bearing, dry, free from sludge, oil, grease and dust and free from all components which could act as separating agents.

## Contact

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