



Clinical Center, Schwerin

General Description

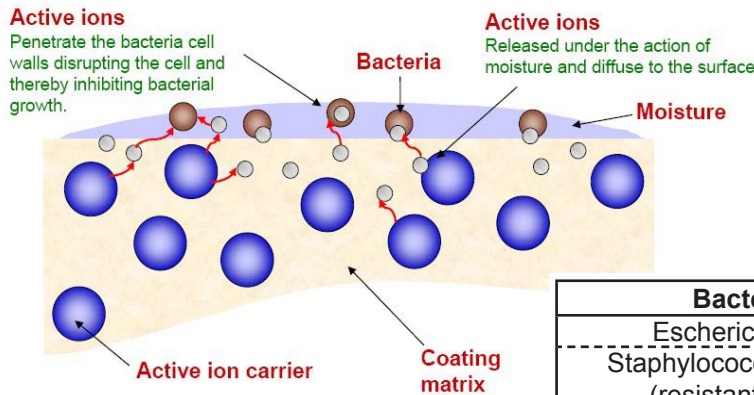
- Powder coating with antibacterial protection for metal ceiling substructure and panel
- When exposed to humidity, active ions within the coating will actively prevent the emergence of bacterial cultures of various kinds
- Tests have shown that AntiBac™ causes a significant reduction of the microbial strain within a period of 24 hours
- Available for all powder-coated Lindner ceiling systems

Design Considerations

- AntiBac™ is best suited for
 - Clean rooms and laboratories
 - Hospitals
 - Areas of contact in the food sector with high hygienic demands
 - Sanitary facilities (wash rooms, changing rooms, toilets)
 - Public facilities and buildings (airports, stations, schools, public offices, museums)
- AntiBac™ cannot be combined with other special finishes, e.g. Meteo™ anti-corrosion coating

Technical Data

| | |
|---------------------------|--|
| Antibacterial Performance | Tested according to ASTM E 2180-1 and JIS Z 2801:2000 |
| Feature | Self-disinfecting (additional use of disinfectants needs to be coordinated) |
| Cleaning | Use customary detergents, e.g. a 30 % isopropyl alcohol solution Abrasive detergents must not be used |
| Life Cycle | Up to 30 years |



Note: In animals the cell wall is too thick for the active ions to penetrate. Therefore, the active ions are not harmful to human health.

| Bacteria | Reduction within 24h in % |
|--|---------------------------|
| Escherichia coli | 99.6 |
| Staphylococcus aureus (resistant strain) | 98.6 |
| Staphylococcus aureus | 98.0 |
| Listeria monocytogenes | 91.9 |
| Streptococcus faecalis | 91.1 |
| Salmonella enteritidis | 84.2 |

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