



ANTIMICROBIAL SURFACE SPRAY PRODUCT INFORMATION

Chemical Basis	Antimicrobial Coating Technology Created from a Silane Quarternary Ammonium (QAS) Platform
Bonding	Zonitise will bond and cure to virtually every porous, non-porous, organic and inorganic substrate delivering residual biostatic efficacy on those treated surfaces
Layer Thickness of Coating	Ca. 150-300nm
Water- resistance	Slightly hydrophobic
Temperature Sensitivity	3-40C
Chemical stability	Solvent-resistant between PH 4 and 10
Weatherproof	Yes
Cleaning Resistance	<ul style="list-style-type: none">• Independent Lab Studies demonstrate long term antimicrobial efficacy against harmful pathogens after 6 months and rigorous cleaning.• Field trials in hospitals over an 8 week period showed coated areas outperformed standard hospital hygiene levels by more than 4 to 1 even after standard hospital cleaning regimes.
Salt water resistant	Yes
Transparency	100%
Compatible Materials	Tiles/Glass/Ceramics/Stone/Oxidation Resistant Metals/Plastics/Textiles/Printed cardboards/ wrapping
Viricidal Efficacy (see full kill list)	ISO 21702
Bacterial Efficacy (see full kill list)	ISO 22 196 - JIZ 2801 (2010) ISO22196
Skin Sensitivity	Non Toxic and Non Mutagenic in cured state



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What are the benefits of Zonitise Anti-microbial Surface Sprays?

- Clear, colourless, and odourless permanent antimicrobial coating.
- A biostatic finish for long term residual protection
- 100% preventative, not reactionary. Mechanical kill – not cidal.
- Works to eliminate harmful microorganisms 24/7 – keeping surfaces at safe levels between cleaning cycles.
- Proven to reduce bacteria loading by more than 90%, compared to traditional cleaning methods
- It's a safe anti-bacterial and anti-viral treatment. Verified on application using ATP Luminometer Testing.
- Our coating facilitates thorough cleaning, is halogen free and dermatologically tested with a rating of excellent.
- Helps prevent unpleasant odours by eliminating the cause at source.
- Helps prevent mould growth on smooth and textured surfaces.
- Prevents micro scratches and reduces damage to surfaces.
- No need for regular toxic disinfecting – Save time and money and return to pre-pandemic cleaning.
- Use PH neutral cleaners with Zonitise Antimicrobial treated surfaces – Be environmentally friendly.