



The superior antimicrobial technology against bacteria, viruses and all other microorganisms.

What are the advantages of AGXX?



Broadband antimicrobial effect

- Fast and comprehensive killing of a wide range of microorganisms



Long lasting

- Mechanism of action is **not** based on the release of substances



Active substance generated from water and oxygen

- Catalytically generated reactive oxygen species kill microorganisms



Wide range of use

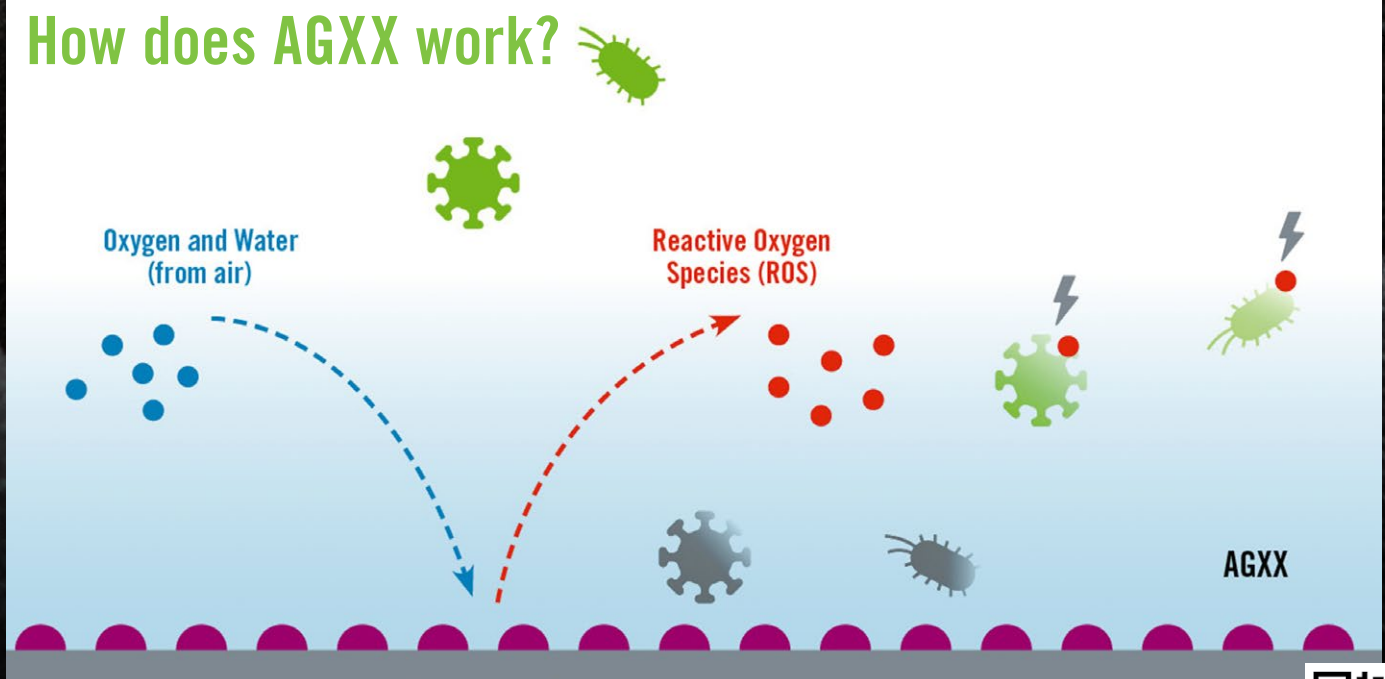
- Regulatory approval in progress for various product types
- AGXX can already be used in accordance with the Biocidal Products Regulation (BPR) today



No development of resistances

- Effective against MRSA and silver-resistant *E. coli*

How does AGXX work?





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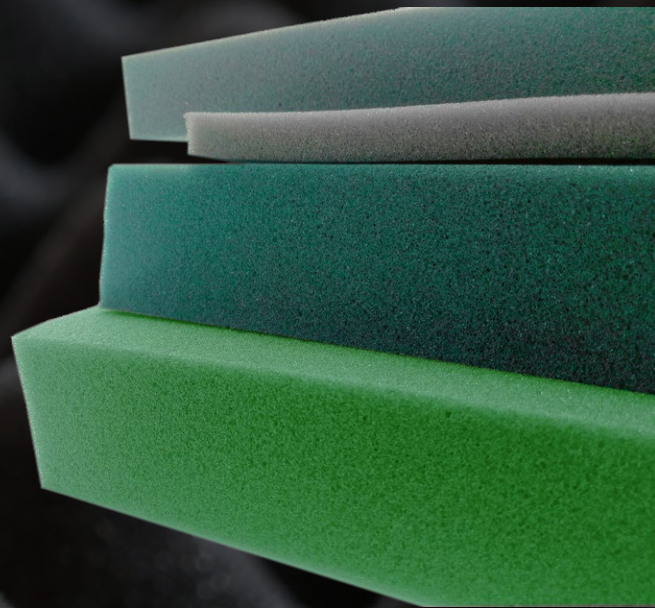
AGXX Product Portfolio

Various types and forms

- AGXX particles are available in various types and forms as well as different carrier materials, offering a variety of particle sizes and surface areas.

Designed for polymer applications

- AGXX particles can be easily incorporated into polyurethane, making them suitable for all PU applications such as construction materials, furniture, textiles and packaging.



Antimicrobial activity of AGXX

Antimicrobial testing in accordance with ASTM E2149

- ASTM E21149 tests are used to quantitatively prove the efficacy of materials against bacteria.
- AGXX incorporated in PU soft foams shows excellent antimicrobial activity compared to AGXX-free material.
- Material stress tests showed no effect of AGXX on PU foam structure and stability.

Antibacterial efficacy (according to ASTM E2149) Tested against *E. coli* DSM1576 ATCC8739

