



The Fusion Of Science And Art™

TECHNICAL BULLETIN

Antimicrobial

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Primary Definition

Antimicrobial is defined as an agent that kills, stops, or slows the growth of microorganisms such as viruses, bacteria, fungi, protozoans, mold and mildews. Antimicrobial agents are typically grouped based on the microorganism they are most effective against. Surfaces are usually classed as either capable of promoting microbe growth or incapable of supporting microbe growth. Virtually all surfaces can become contaminated with biological debris that will allow microbes to live until conditions such as humidity and food sources are exhausted and the microbe dies. Even surfaces like copper and silver will only affect the layers of microbes in actual contact with the surface. Thick layers of contamination must be completely removed using appropriate cleaning agents. Porosity is an important factor in cleanability.

Antimicrobial By Design

Deco Laminates are engineered with materials that are antimicrobial by definition. All Deco Aluminum Series, Steel Series, ACM Series, Acrylic Series and Extrusion Series are antimicrobial by design to the extent that they provide NO food source for microbe growth such as paper, pulp, or wood. They are also nonporous allowing for flood mopping of contaminated surfaces with antimicrobial disinfectant solutions containing alcohol, bleach, etc. For further information see Deco Technologies technical data sheets for the appropriate substrate.

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Antimicrobial Statement