

# Antimicrobial Coatings



## What are antimicrobial coatings?

Antimicrobial is an additive to the paint system coatings that is manufactured with built-in protection to inhibit the growth of microorganisms such as bacteria, mold and mildew that causes odors, stains, and/or product degradation on the applied coating.

## How does antimicrobial technology work?

The protection begins to work as soon as the microorganism comes in contact with the product surface. It then works continuously to disrupt the ability of the microorganism to function, grow and reproduce, and is expected to last the useful life of the coating. Under the right conditions, microbes on an untreated surface can double every 20 minutes.



## What paint systems are available as antimicrobial?

Currently polyester, urethane, epoxy, acrylic and PVDF antimicrobial coil coatings have all been developed and approved.

## What colors are available?

There are currently no restrictions on color for antimicrobial-protected coil coating.



## Does the antimicrobial product affect coating performance (such as color retention, flexibility, adhesion, etc.)?

Antimicrobial-protected coil coatings will have the same physical and performance characteristics as standard coil coatings. The product fabricator and end user should see no visible difference in product performance.

## Does this additive create any environmental or personal exposure hazards?

The end product user will need to take no additional precautions with the use or handling of the end product.



## Potential End Uses:

Building products, health-care products, food service products, walk-in coolers, refrigeration units, horse trailers, truck trailers, HVAC, duct work, clean rooms, lighting fixtures, appliances, office furniture, food service, recreation vehicles...

The information above is simply intended as a general overview of Aleris Coatings with the antimicrobial additive. Antimicrobial is not designed to protect users from disease causing microorganisms.

Our products are widely available from Aleris Rolled Products' authorized, independent metal service centers across North America. CALL US AT 1-866-266-2586 or EMAIL AT [coil.coating@alseris.com](mailto:coil.coating@alseris.com) to see how we can help your business, or to locate an Aleris Rolled Products distributor near you.