



ANTIMICROBIAL ADDITIVE

SERIES 44-790

PRODUCT PROFILE

GENERIC DESCRIPTION

Antimicrobial Additive

COMMON USAGE

Series 44-790 is an antimicrobial additive and is available to be factory-blended into Series 201, 210, N222, N222FC, N223, N224, 239, 247, 248, 270, 273, 280, 281, N284, N285, 286, V290, and V295 products. Coatings treated with the Series 44-790 additive are intended for environments such as hospitals, clinics, pharmaceutical facilities, kitchens, cafeterias, food and beverage processing plants, correctional and animal care facilities. The treatment is specifically formulated to resist mildew growth on the paint film. The factory treated coating contains an antimicrobial agent to prevent microorganisms from degrading the coating film and guards against the growth of bacteria and their odors.

COLORS

Clear

SPECIAL QUALIFICATIONS

Passes ASTM G-22 test with no bacterial growth on the coating during the testing period. Series 44-790 also reduced fungal growth on the coating per ASTM G-21.

TECHNICAL DATA

Microorganisms that are controlled by antimicrobial additive:

FUNGI

Alternaria tenuis	C. pelliculosa	Penicillium islandicum
Alternaria brassicicola	C. tropicalis	P. expansum
Aspergillus clavatus	Chaetomium globosum	P. funiculosum
A. flavus	Cladosporium resinae	P. lilacinum
A. niger	Fusarium moniliforme	P. luteum
A. oryzae	Gliocladium virens (Trichoderms sp.)	P. piscarium
A. terreus	Helminthosporium gramineum	P. variabile
A. ustus	Memnoniella echinata	Rhizopus nigricans
A. versicolor	Mucor racemosus	Scopulariopsis brevicaulis
Aureobasidium (Pullularia) pullulans	Myrothecium verrucaria	Spicaria violacea
Candida guilliermondii	Penicillium citrinum	Trichophyton mentagrophytes
C. lipolytica		

BACTERIA

Aerobacter aerogenes	Escherichia coli	S. typhimurium
Bacillus cereus	Klebsiella pneumoniae	S. typhosa
Bacillus subtilis	Pseudomonas aeruginosa	Staphylococcus aureus
Desulfovibrio desulfuricans	Salmonella choleraesuis	Enterococcus faecalis

ACTINOMYCETES

Streptomyces rubrireticuli	Streptovercillium reticulum	Thermoactinomyces vulgaris
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Note: Products treated with the Series 44-790 additive do not protect users or others against food borne or airborne bacteria.

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