

Statement regarding Mould, Fungi and Bacterial resistance of
Tefcote Topcoat P3000HRX & Tefcote Topcoat N4000HRX

Tefcote Topcoats utilises HXR technology which is designed to control the growth of algae, fungi and bacteria in water-based coatings. The HRX additives used within Tefcote Topcoats are effective against a wide range of fungi, bacteria and algae and listed below are some examples of organisms that can be controlled:

Gram Positive Bacteria	Gram Negative Bacteria	Algae	Fungi
Bacillus subtilis	Escherichia coli	Anacystis Montana	Aspergillus niger
Lactobacillus plantarum	Klebsiella pneumonia	Chlorococcum tetrasporum	Aspergillus repens
Methicillin Resistant Staphylococcus aureus	Proteus mirabilis	Scytonema hofmannii	Aureobasidium pullulans
Micrococcus luteus	Proteus vulgaris	Synechocystis minima	Candida albicans
Staphylococcus aureus	Pseudomonas aeruginosa	Trentepohlia odorata	Chaetomium globosum
Staphylococcus epidermidis	Pseudomonas cepacia		Cladosporium cladosporioides
Streptococcus faecalis	Salmonella choleraesuis		Cladosporium herbarum
Streptococcus mitis	Serratia marcescens		Epidermophyton floccosum

Gram Positive Bacteria	Gram Negative Bacteria	Algae	Fungi
Streptococcus pyogenes	Thibacillus thiparus		Gliocladium virens
Streptococcus pneumonia	Shingella sonnei		Fusarium sp.
Streptoverticillium reticulum			Penicillium funiculosum
			Penicillium luteum
			Pityrosporum ovale
			Saccharomyces cerevisiae
			Trichoderma virens
			Trichophyton mentarrophytes
			Yarrowia lipolytica

This list is only intended to illustrate examples of the numerous microorganisms that HRX products have been shown to inhibit in laboratory tests. The organisms used during testing are those for which standardized cultures are freely available for laboratory studies.

Although some of these organisms are associated with pathogenic conditions, no health claims are made or implied concerning HRX products. HRX products are only intended to confer antimicrobial protection to treated articles, not to protect the people who are using them. The use of HRX products are not designed to neither illuminate nor eliminate the need for thorough cleaning of treated articles.

Surfaces coated with Tefcote Topcoats can be cleaned and this should not affect the antimicrobial performance of the product and under normal conditions the HRX products contained within the Tefcote Topcoats should also offer antimicrobial protection for the lifetime of the coating.

Yours sincerely
Tefcote Surface Systems

A handwritten signature in black ink that reads "Niels Lerche". The signature is written in a cursive style with a long horizontal stroke at the end.

Niels Lerche
Managing Director