

PRODUCT NAME	TEFCOTE HRX SYSTEMS
Product Function	To actively control micro-organisms.
Issue Date - March 1993	



Application	Ref No. HYSR 310191/1
<p>The Tefcote HRX Systems are totally new water based, single pack bactericidally active P.T.F.E. coatings. Their unique properties allow a microbiological safety net to be achieved in areas of potential risk. They are durable, easy to clean surface coatings for internal and external use, with excellent water shedding abilities and is resistant to chemical and climatic attack. The systems remain active during the foreseeable life of the coating. They will effectively control a wide range of bacteria, moulds, fungi and algae.</p> <p>There are two levels of HRX process:</p> <ul style="list-style-type: none"> a) Surface Inhibition b) Surface Kill 	

Technical Data	Ref No. JDLT 040191/1
See relevant data sheets for Tefcote P3000 and 4000 Top Coats.	

Micro-organisms which are controlled by the full HRX process		
Fungi/Yeasts/Moulds	Memnoniella echinata	Escherichia coli
Alternaria tenuis	Mucor racemosus	Herellea vaginicola
Alternaria brassicicola	Myrothecium verrucaria	Klebsiella pneumoniae
Aspergillus clavatus	Penicillium citrinum	Micrococcus luteus
Aspergillus flavus	Penicillium expansum	Micrococcus ureae
Aspergillus niger	Penicillium funiculosum	Mima polymorpha
Aspergillus oryzae	Penicillium islandicum	Providencia rettgeri
Aspergillus terreus	Penicillium lilacinum	Proteus vulgaris
Aspergillus ustus	Penicillium luteum	Pseudomonas aeruginosa
Aspergillus versicolor	Penicillium piscarium	Salmonella choleraesuis
Aureobasidium (Pullularia)	Penicillium variabile	Salmonella typhi
pullulans	Rhizopus nigricans	Salmonella typhimurium
Candida albicans	Saccharomyces cerevisiae	Salmonella typhosa
Candida guilliermondii	Spicaria violacea	Staphylococcus aureus
Candida lipolytica	Trichophyton mentagrophytes	Staphylococcus aureus C +
Candida pelliculosa	Bacteria	Staphylococcus albus
Candida tropicalis	Aerobacter aerogenes	Streptococcus faecalis
Cephalosporium sp	Bacillus cereus	Streptococcus Pyogenes
Chaetomium globosum	Bacillus cereus var mycoides	Actinomycetes
Cladosporium herbarum	Bacillus subtilis	Streptomyces rubrirculi
Cladosporium resinae	Brevibacterium ammoniagenes	Streptovercillium reticulum
Fusarium moniliforme	Corynebacterium hofmannii	Thermoactinomyces vulgaris
Gliocladium virens (Trichoderma sp.)	Desulfovibrio aestaurii	
Helminthosporium gramineum	Desulfovibrilo desulfuricans	
	Enterobacter aerogenes	

Note: This list includes organisms specified in all the mildew resistance tests commonly used. These indicator organisms are generally considered more difficult to control than decay and odour-causing bacteria and fungi encountered under conditions of use. This list represents only a proportion of the micro-organisms that can be controlled by HRX.