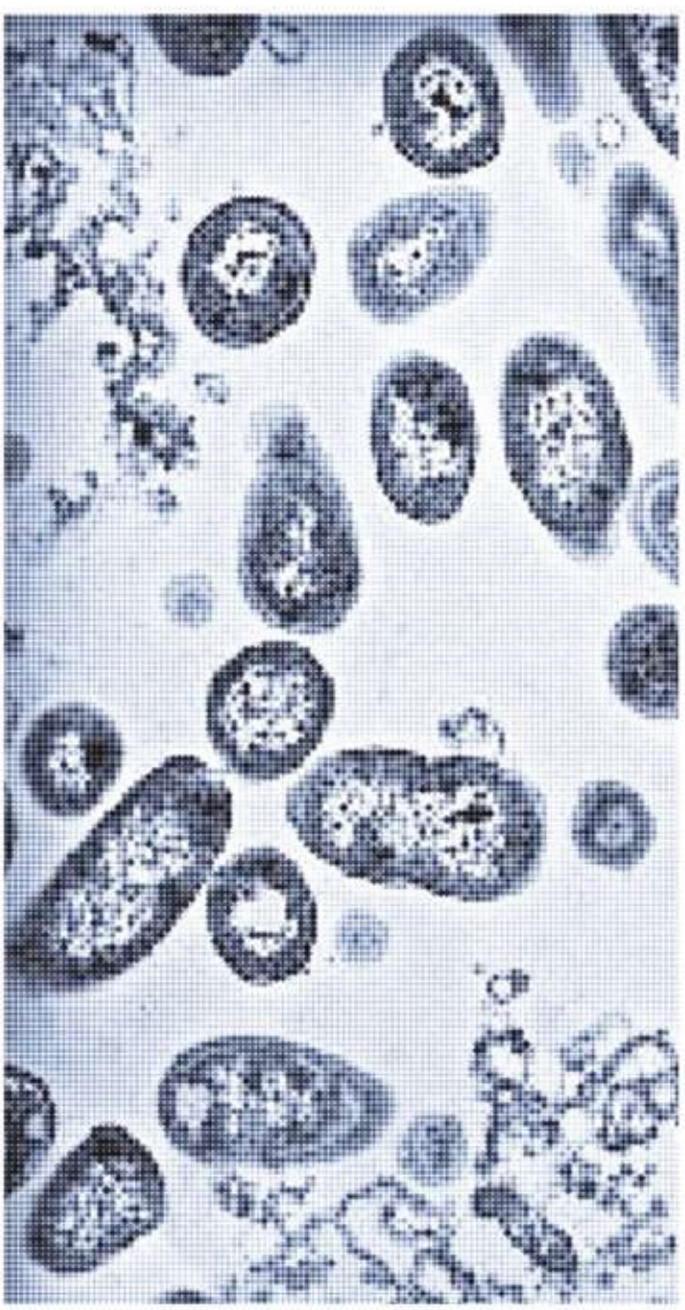
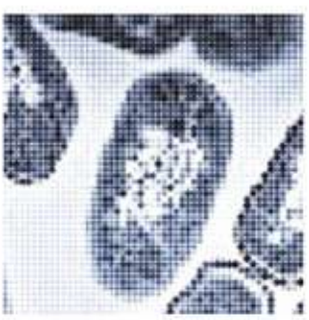
METALCOAT

COATING CYCLE

PRO-HYGIEN





PRO-HYGIEN

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TREATMENT

2 stage degreasing + chrome-free chemical conversion

TOP SIDE

PRIMER: 5-7 micron
WHITE PRO-HYGIEN TOP COAT: 15-20 micron
or
PRIMER: 5-7 micron (for steel only)
BASE COAT: 10-15 micron PE
TRANSPARENT TOP COAT: 12 micron PRO-HYGIEN

BACK SIDE

BACK COAT: 4-6 micron

In this cycle coatings are applied to give the material special anti-microbial properties; the product can be used for walls and false ceilings in places which are attended by large numbers of people but are not expected to undergo frequent specific sanitising treatments, such as kindergartners, schools, public offices, shopping centres and recreational areas. The coating components prevent colonies of the most common types of bacteria from proliferating and help to eliminate them. Tests in compliance with the ISO 22196:2007 standard, performed in specialist laboratories, showed effective action in reducing colonies of the following bacteria by over 99.99% within 24 hours: Staphylococcus Aureus, Escherichia Coli O1257, Legionella Pneumophila, Salmonella Enteritidia, Pseudominas aeruginosa, Enterobacter Aeroge nes and Enterococcus Faecalis. Two product versions are available: white and transparent; the latter can be applied to any polyester substrate, in order to confer antimicrobial properties to material pre-painted in any colour. These coatings are suitable for indoor applications only.

TECHNICAL SPECIFICATIONS

TEST	VALUE	REFERENCE STANDARD
thickness	20-27 µm	EN 13523-1 (ECCA T1)
gloss	23±5 white 50±7 transparent	EN 13523-2 (ECCA T2)
pencil hardness	F	EN 13523-4 (ECCA T4)
resistance to rapid deformation (impact test)	100%	EN 13523-5 (ECCA T5)
adhesion after indentation	100%	EN 13523-6 (ECCA T6)
adhesion after bending at 25°C	0T-1T*	EN 13523-7 (ECCA T7)
resistance to cracking on bending (t-bend test) at 25°C	0T-2T*	EN 13523-7 (ECCA T7)
solvent resistance (MEK rubbing test)	>100	EN 13523-11 (ECCA T11)

** according to substrate properties*

COATING CYCLE

ROHS COMPLIANT PAINT

Member of CISQ Federation
RINA
CERTIFIED MANAGEMENT SYSTEM
ISO 9001

IMSL
INDUSTRIAL MICROBIOLOGICAL SERVICES LTD

printed on recycled paper