

FRESH FABRICS FOR HEALTHCARE ENVIRONMENTS

Carefully curated for Hospital, Nursing & Care Home Interiors

HEALTHCARE

Bancroft exclusively design fabrics for the Heathcare Sector, to suit the aesthetics of Hospital, Nursing & Care Home Interiors, using their distinctive know-how and expertise, to carefully curate colourways that have a positive influence on patient well-being. From fresh and uplifting prints to decorative jacquards, all fabrics boast robust technical properties - flame retardancy, washability, stain resistance and anti-microbial treatments - for the most demanding environments.



COVERING BOTH THE NHS & THE RESIDENTIAL CARE HOME SECTORS.

To protect our fabrics from cross contamination & the spread of Bacteria & Viruses, the products we offer to these sectors will usually have an Anti-Bacterial & Anti-fungal finish. One of the finishes we use on our Polyester Base Fabrics is -

BI-OME Antimicrobial technology

Bancroft





BI-OME Antimicrobial technology

- Well proven technology
- Reduction of possible malodour and bacterial build up
- Permanent & wash-durable
- Non-migrating/non-leaching metal- free technology
- Applicable on different fabric types, including 100% Polyester
- Different application techniques : spray, padding, ...
- No skin irritation (Oeko-tex class 1)
- Inherent Biodegradable & Recyclable
- No negative effect on waste treatment
- BPR EU (PT2, PT7, PT9) and TR registered
- EPA registered product
- US: treated articles with Public health claims require registration of the treated article



HOW IT WORKS

The active ingredient is bound to the substrate, attracts the microorganism and then mechanically punctures the cell wall

- Is bound to the product surface
- Is not consumed by micro-organisms
- Will not cause adaptive micro-organisms
- Wash durable
- Different formulations for different durability and cost





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THE BENEFITS

- Longer freshness less laundry necessary reduction of water consumption
- Lower washing temperature
- No metal leakage into the environment with home laundries



BI-OME AV Antimicrobial and viral reducing technology

- Combination of Bi-ome and special auxiliary to recognize the Enveloped virus
- Reduces viral activity of Enveloped viruses
- COMBINATION with antibacterial properties
- Non-migrating/non-leaching technology
- Metal-free solution (no Silver)
- Wash durable
- No skin irritation (Oeko-tex class 1)
- Recyclable
- No negative effect on waste treatment
- BPR EU (PT2, PT7, PT9) and TR registered
- EPA registered (treated article registration in case of Public Health claims)

TEST METHODS

- ASTM E-2149
 - Antimicrobial test
 - For non-migrating technologies
 - Devan is an IAC certified lab
- NF ISO 1818<mark>4 (2014) and ISO 18184 (2019)</mark>

Determination of antiviral activity of textile products

- external lab testing only

TEST RESULTS

- Standard formulations of BI-OME AM5 or BI-OME AM10 can show +99% reduction in microorganisms within 1h or less
- After washing BI-OME formulations can still obtain 99% reduction after 24h
- Longer lasting clean and fresh feeling/effect
- Tests carried out by l'Institut Pasteur de Lille
 Reduction (%) vs untreated Number of industrial laundry cycles 1 25 50
 Bacteria 90,00% 100% 87,56% Yeast & Fungus 99,99% 99,87% 100%

SUMMARY - BI-OME : ANTIMICROBIAL & VIRAL REDUCING TECHNOLOGY

- A combination of antimicrobial and viral reducing technology (Enveloped viruses)
- Viral reducing activity at low dosage
- Permanent, non-migrating/non-leaching technology
- Sustainable, metal-free solution (no Silver)
- Applicable on different fabric types, including 100% Polyester
- No skin irritation (Oeko-tex class 1)
- Bi-ome is recyclable and inherent biodegradable OECD 209/302B)
- BPR EU (PT2, PT7, PT9) and TK registered
- EPA registered (treated article registration in case of Public Health claims)



