

A photograph of a modern hospital room. In the foreground, a white hospital bed is partially visible, covered with a white sheet and a white pillow. Behind the bed, there are two sets of curtains: a sheer white curtain on the left and a heavier curtain with a dark purple leaf pattern on the right. To the right of the patterned curtain, a flat-screen television is mounted on a grey wall. A window is visible on the left side of the image, showing a bright outdoor scene.

Bancroft
SOFT FURNISHINGS

**SILVERSHIELD® ANTIBACTERIAL & ANTIVIRAL
FABRIC PROTECTION FOR HEALTHCARE
ENVIRONMENTS**

Fights against the spread of bacteria, fungus & viruses

BANCROFT HEALTHCARE & ANTIBAC

At Bancroft we design collections specifically for the Healthcare Sector, to suit Hospital, Nursing & Care Home environments. We use our distinctive know-how & expertise to carefully curate designs & colourways that have a positive influence on patient well-being. From fresh & uplifting prints & plains to decorative jacquards, our healthcare fabrics boast robust technical properties for the most demanding environments.

However we realise now more than ever that it's not only about the aesthetic value, it is imperative for our customers to be able to purchase fabric for their projects that they can trust to offer added protection that **fights against the spread of bacteria, fungus & viruses**. Our customers want to be confident that when specifying fabric for curtains, bedding & upholstery they can get another layer of protection to inhibit virus spread & cross contamination.

With this in mind we offer the option of applying Silvershield® Antibacterial & Antiviral Textile Finish to our fabrics, providing extra protection & reassurance.



SILVERSHIELD® ANTIBACTERIAL & ANTIVIRAL TEXTILE FINISH, CONTAINING SILVER ION TECHNOLOGY. PROVIDING NATURAL, INVISIBLE PROTECTION FOR FURNISHING FABRICS.

Silvershield® is a complex performance finishing process which incorporates state of the art silver ion technology combined with over 100 years of textile finishing expertise.

Bacteria, viruses & microbes can infiltrate textiles & upholstery creating the unhygienic conditions that cause odour & shorten the life of the fabric. Silvershield® provides an invisible protection whilst keeping the all important natural drape & handle of the fabric.

- **ANTIBACTERIAL & ANTIVIRAL - fast-acting all-in-one finish**
- **SAFE – non-migrating & non-leaching**
- **FINISH FOR ALL FIBRE TYPES**
- **HIGHLY RESISTANT TO WASHING - especially suitable for furnishing fabrics in commercial use**
- **LONG LASTING PERFORMANCE – a highly durable solution**
- **ENVIRONMENTALLY RESPONSIBLE – non-polluting natural element**



HOW SILVERSHIELD® WORKS

Silver is a highly effective, natural agent. Scientists have discovered that silver interrupts the bacteria/virus cell's ability to form the chemical bonds essential to its survival. These bonds produce the cell's physical structure so when bacteria and viruses meet silver they literally fall apart.

SILVERSHIELD® silver ion technology has been proven safe to humans, animals, & plants. It resists & inhibits the growth of micro-organisms by forming a protective surface against microbes, pathogens, viruses & bacteria, such as E. coli & Staph. It also suppresses the growth of harmful mold, mildew, & fungus. In helping prevent the growth of stain & odour causing micro-organisms, this protection provides stain & odour control. Tests have shown that on unprotected fabrics, bacteria can double in number every 20 minutes – silver ion technology inhibits bacterial growth by 99.94%, keeping fabrics cleaner & more hygienic for longer.



THE BENEFITS OF SILVERSHIELD®

Silvershield® is an extremely durable finish, ensuring fabrics stay fresh and odour free for longer even after washing and cleaning. The silver micro particles in **Silvershield®** are carefully embedded into the cloth structure, coating each fibre, ensuring protection throughout the life of the product.

Silvershield® is a protective finish, protecting the fabric from unpleasant odours so reducing the need to dry clean or wash. This benefits the fabric, reduces cost and its environmental impact. This is why **Silvershield®** is not only economical, but has indirect ecological effects during washing, drying and storing textiles.

Silvershield® is naturally safe, the elemental properties of silver mean that bacteria & viruses cannot adapt & become resistant, ensuring that fabric finished using the **Silvershield®** process will provide effective anti-bacterial/viral protection. Silver has been specially chosen because it doesn't migrate & therefore the skin's natural balance remains unaffected. The silver technology used in **Silvershield®** complies with Oeko•Tex Standard 100.

ANTIVIRAL TESTING

TEST RESULT SUMMARY OF ANTIVIRAL EFFICIENCY 2% SILVERSHIELD®/60 MIN

| 100% PES | | | | |
|----------------------|-----------------|-----------------|----------------------------|-----------------|
| | ORIGINAL FINISH | | AFTER 5 × 40°C WASH CYCLES | |
| SAMPLE | REDUCTION (%) | REDUCTION (LOG) | REDUCTION (%) | REDUCTION (LOG) |
| UNTREATED | 67.22 | 0.48 | 67.22 | 0.48 |
| SILVERSHIELD® | 97.77 | 1.65 | 97.21 | 1.56 |
| 100% CO | | | | |
| | ORIGINAL FINISH | | AFTER 5 × 40°C WASH CYCLES | |
| SAMPLE | REDUCTION (%) | REDUCTION (LOG) | REDUCTION (%) | REDUCTION (LOG) |
| UNTREATED | 42.10 | 0.24 | 42.10 | 0.24 |
| SILVERSHIELD® | 95.52 | 1.35 | 94.44 | 1.26 |

TEST SUMMARY: 100% PES FABRIC TREATED WITH 0.5% SILVERSHIELD®/2 HOURS

| CONTACT TIME: 2 HOURS | | | | |
|-----------------------|-----------------|-----------------|-----------------------------|-----------------|
| | ORIGINAL FINISH | | AFTER 20 × 40°C WASH CYCLES | |
| SAMPLE | REDUCTION (%) | REDUCTION (LOG) | REDUCTION (%) | REDUCTION (LOG) |
| UNTREATED | 88.19 | 0.93 | 88.19 | 0.93 |
| SILVERSHIELD® | 96.61 | 1.47 | 96.02 | 1.40 |

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