



Antimicrobials, preservatives and insect-resist agents



For the textile processing industry, Catomance Technologies offers a speciality range of finishing agents including antimicrobials, preservatives, insect-resist agents and high performance water repellents. We supply finishes for the treatment of fabrics used in emergency relief shelters, military textiles, leisure tentage, marquees, awnings, canopies, tarpaulins, commercial vehicle covers, wool carpet yarns and mosquito nets.



Catomance's knowledge and experience of materials preservation technologies is used to provide textile-processing companies with a reliable range of biocides.

Based on low-dose active ingredients with minimal environmental impacts, the product range is marketed under the well-established Mystox brand. With a favourable eco-toxicological profile, the active ingredients also show a high level of resistance to photodegradation and water leaching, making the treatment highly durable under even the most extreme in-service conditions.

Following detailed evaluation by the UK's Ministry of Defence, a new range of textile preservatives has been approved to meet the stringent requirements of military fabric protection. These products are now also used for the finishing of emergency relief shelters specified by United Nations agencies, including UNICEF and UNHCR, the American Red Cross and the Turkish Red Crescent.

The Mystox product range has been designed for ease of use in a variety of textile finishing operations. Products are available which also incorporate water repellent and flame retardant effects, are suitable for use in polymer coatings and are used for the reproofing of existing tents and fabric structures.

The well-equipped, UKAS accredited laboratories at Catomance Technologies provide support technical service facilities for customers, overseas agents and distributors. We work closely with customers to develop and optimise cost-effective treatment processes which can be scaled up from the laboratory to full production in the textile mill. Our team of industry experts and scientists is always available to give advice and assist in conducting application trials.



Mystox IP

- biocide concentrate in liquid form
- suitable for use in dry-chemical finishing
- approved by MoD for tentage finishing
- additive for textile coatings
- synergistic mixture of active ingredients



Mystox FWR

- Flame retardant, water resistant and rotproof finish
- Suitable for cotton canvas
- May be pigmented to achieve coloured shades
- Aid agency approved

Mystox TRP

- Reproofing of military tents and shelters
- Simple to apply
- Restores colour, flame retardancy, water repellency, mildew resistance and infra-red reflectance properties
- MoD approved
- NATO Stock No. 80309 92251 573
- Returns service-worn tents to “as new” condition at a fraction of the replacement cost



Mystox R

- Aqueous emulsion, readily dispersible in water
- Mildew resistant finish for cotton and synthetics
- Approved for MoD tentage finishing
- Compatible with water repellents
- Designed for pad application



Mystox WR

- Combined rotproof and water repellent finish
- Aqueous emulsion
- Designed for pad application

Mystox SR Conc.

- Self-emulsifying concentrate
- Rotproofing treatment for yarns in package form
- Designed for substantive application

Mystox CMP

- Moth and insect-resistant finish
- Permethrin-based
- Woolmark and WoNZ approved
- Flexibility of application



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