

AERO




A dynamic high-performance
Crypton® textile inspired by
movement



INSTYLE



COMPOSITION	100% polyester + Crypton® finish and backing	
WIDTH / ROLL SIZE	137cm / 55m approx.	
WEIGHT	361gsm	
PATTERN REPEAT	H 74.4cm V 39.7cm	
CARE CODE	Crypton	
ABRASION		
Martindale AS2001.2.25	40,000	
Wyzenbeek ASTM 4157	50,000 double rubs	
CTA RATING	 HEAVY DUTY COMMERCIAL USE	
SEAM SLIPPAGE	Warp 4.5mm Weft 4.0mm	
AS2001.2.22		
PILLING	5	
Martindale IWS196		
LIGHTFASTNESS	>6	
ISO 105-B02		
WATER REPELLENCY	Rating 90	
AATCC 22-2005 Spray Test		
FIRE RATINGS		
AS/NZS 1530.3	Ignitability	10
	Spread of Flame	0
	Heat Evolved	3
	Smoke Developed	5
AS/NZS 3837 (AS 1537.1)	BCA Group 2	
	Av. Specific Extinction Area 97.6m ² /kg	
ISO 5660.1	NZBC Group 2-S	
	Av. Specific Extinction Area 70.1m ² /kg	
APPLICATION	upholstery, screen, wall panel Ideal for healthcare, hospitality, workplace, public building, education and residential applications	
PLEASE NOTE	Results from performance tests are guidelines only	

ENVIRONMENT

- Crypton® does not contain any toxic chemicals, heavy metals, perfluorooctanoic acids (PFOAs), carcinogens or VOCs. All chemicals are recycled during the Crypton® process.
- Gold Indoor Advantage™ Certified by Scientific Certification Systems as low-VOC, meeting the Green Star emission requirements. Test certificate available on request.
- The manufacturer is a member of E3 (Encouraging Environmental Excellence Program) and operates an Environmental Management System.

GREEN STAR

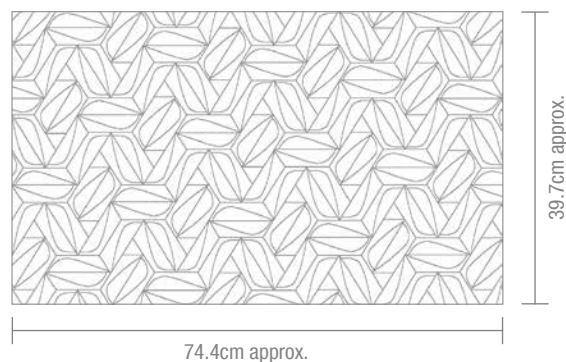
- AERO can be used on white furniture certified to Ecospecifier, AFRDI, ECNZ and GECA. The Green Star Rating Tool states “Where at least 90% of an item’s mass is certified to a GBCA recognised standard, the item can be entered as a certified product at Level A, B or C.” Therefore any fabric can be used as fabrics are almost always under 10% by weight of a furniture item.

WELL

AERO can contribute to the following WELL criteria:

- Toxic Material Reduction: AERO is free of PFCs, flame retardants, phthalates and urea formaldehyde

PATTERN REPEAT



PERFORMANCE

Crypton® is a finish and back coating treatment that provides permanent stain, moisture, odour and bacteria protection of the fabric.

Crypton® backing resists fluids from penetrating into the seat foam whilst for comfort, allows air particles to pass through the upholstery fabric.

Permanent Protection

Unlike applied coatings, topical treatments, or laminates, the Crypton® finish is engineered to penetrate right into the fabric, encapsulating every fibre. This provides permanent protection, preventing moisture, bacteria and stains from entering into fibres. This allows foreign substances to be easily removed from the fibres, which is why most soiling can simply be wiped away. No stains, fluid or bacteria will ever penetrate the fabric.

Crypton® textiles prohibit the growth of moulds like *Aspergillus Niger* and bacteria like *Staphylococcus Aureaus*.

Tiered System of Defence

Crypton® textiles provide multiple levels of protection against microbial growth.

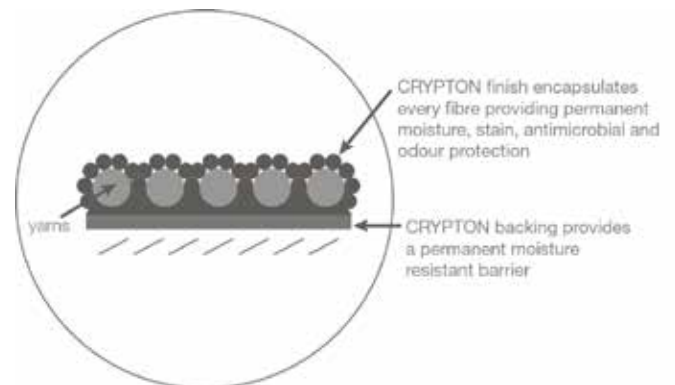
1. **Repellancy:** Each and every fibre repels both oily and water-based liquid, diminishing the likelihood of having an environment suitable for growth.
2. **Cleanability:** Soil and stains that serve as food sources for microorganisms are easily removed with cleaning.
3. **Silver Ion Technology:** Silver Ion Technology resists the growth of microbes including bacteria.
4. **Permanent Integrated Moisture Barrier:** The only way to ensure fabrics can be disinfected by providing protection against 'behind the scenes' contamination.

Easy to Clean and Disinfect

Crypton® textiles are easy to clean with mild powdered enzyme detergent and water so that the fabric remains clean and hygienically fresh.

Crypton® textiles are easy to disinfect with a solution of 10% bleach (sodium hypochlorite) and 90% water.

Cross Section of Crypton® Fabric



Refer to the Crypton® care instructions for full cleaning details.

Benefits for Healthcare Interiors

Crypton® textiles offer permanent moisture, odour and bacteria protection on the fabric surface as well as within the fabric, which assists in extending the useful lifetime of the fabric and furniture.

Crypton® textiles inhibit the growth of bacteria (both gram positive and gram negative), mould, mildew and fungi both on the fabric surface and within the fabric. Silver Ion Technology controls bacteria by (1) blocking oxygen-transporting enzymes, (2) preventing cell growth by inactivating proteins of the bacteria, and (3) locking the cell membranes.

Crypton® textiles are easy to clean and disinfect, therefore retaining the fabric's appearance and keeping the fabric hygienically fresh.

Benefits for Hospitality, Educational and Public Building Interiors

With the presence of food and drink, most other fabrics suffer from severe soiling, detracting from the cleanliness and appearance of the furniture. This can lead to the generation of unpleasant odours that the fabric can retain. Crypton® textiles however, are resistant to fluids penetrating the fabric, inhibiting the growth of bacteria, mould, mildew and fungi on the fabric surface and within the fabric.

Crypton® textiles are easy to clean and maintain, therefore retaining the fabric's appearance and keeping the fabric hygienically fresh.

Crypton® textiles extend the useful lifetime of the product, allowing the fabric to retain its appearance as well as be kept hygienically clean.