



Bradmill Outdoor Fabrics



Bradmill Outdoor Fabrics Pty Ltd

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PRODUCT INFORMATION

INTERPELL® SUPERDUX® PROOFED CANVAS

10 300 200 INT

Mosquito Repellent Tenting and General Purpose Light Weight Canvas

Features: Mosquito repellent, and water and rot resistant lightweight canvas with good light and rub fastness. The canvas also possesses low crease and crush marking making it excellent for tenting.

Finish: INT Pigment coloured, mosquito repellent, waterproofed and rot proofed

Yarn composition: 2 ply 65% Polyester, 35% Cotton, combed ring-spun yarn in both warp and weft

Weave: Plain

Mass: Loomstate 285 g/m² (8.4 oz/yd²) Nominal
 Proofed 345 g/m² (10.1 oz/yd²)

Width: 200 cm

Roll length: 50 m

Shade Range: Antelope Grey
 Beige Khaki
 Dark Green Navy

Mosquito Repellence: Works on 15 varieties of mosquitos including Aedes viglax (known as a nuisance-biting pest carrier of Ross River virus and Barmah Forest virus). Exhaustive, scientifically controlled tests conducted by an independent body in tropical Far Northern Queensland prove that the mosquitos' instinct to bite is greatly reduced on exposure to INTERPELL® proofed canvas. INTERPELL® technology will 'interrupt and repel' biting mosquitos. Field tests showed that within tents constructed from INTERPELL® proofed canvas significantly fewer landing mosquitos were recorded compared to tents constructed from untreated fabric. Testing has indicated that INTERPELL® proofed canvas demonstrates repellence against biting mosquitos, both in its newly manufactured state as well as following aging (both artificial & actual).

Typical Performance:

Mosquito Repellence*: Mosquito Landing Rate reduced by over 70% (note: it was observed that in many instances the mosquitos that did land did not attempt to bite the human host)

*Based on field evaluation report prepared by Department of Medical Entomology, University of Sydney

Strength:	Breaking Force (N) (AS2001.2.3A)	Warp: 1950	Weft: 1500
	Tearing Force (N) (AS2001.2.10)	Warp: 65	Weft: 45

Water Resistance:

Hydrostatic Pressure (kPa) (AS2001.2.17)	>4.0
Cone Leakage (ml) (AS2001.2.18)	0

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Typical Performance (continued):

Relaxation Shrinkage* (%) **Warp:** -2.5 **Weft:** +/-0.5

*The Relaxation Shrinkage test involves fully immersing test specimens in water & soaking for 24hrs followed by an ambient line dry. Results are calculated after 3 x 24hrs soak cycles. Relaxation Shrinkage results provide a good guide as to how the canvas will react to everyday use and are useful in determining the best way to cut and style products.

Colour Fastness:

Light Fastness (AS2001.4.21) 7
Rub Fastness (AS2001.4.3) **Dry:** 3-4 **Wet:** 4

Total Colour Difference (as compared to nominated standard):

CMC 2:1 DE <1.0

End Use Recommendations:

INTERPELL® 10 300 is designed specifically to provide protection from both mosquitos and harsh weather conditions. Its dense construction and the use of blended polyester/cotton yarns impart good performance properties, which make it suitable for a wide variety of applications where good strength, coupled with low mass is required. Applications include:

- ❖ Tenting
- ❖ Campervans
- ❖ Swags
- ❖ Summer horse rugs
- ❖ Light weight structures

Fabrication Notes:

The design of products such as tenting, should ensure that water is prevented from contacting hook and loop tape, zippers, fly screens, binding tapes, etc. which often contain residual wetting agents. Failure to do so may result in the wetting agents being leached from these components into the canvas, leading to leakages.

INTERPELL® 10 300 will naturally shrink approximately 2.5% in the warp-wise or length-wise direction on exposure to the elements. Shrinkage in the weft-wise or width-wise direction, however, will be minimal. To minimise the effect of: a) the natural warp-wise shrinkage and; b) the differential shrinkage exhibited between the length & width of the fabric, the following steps should be taken:

- An allowance for approx. 2.5% shrinkage in the warp/length direction should be made when cutting or sewing any panels together so as to ensure a correct long term fit.
- Panels of fabric should always be cut, stitched or mounted in the same warp/length or weft/width wise direction. Failure to do this will cause uneven shrinkage between panels and over time will most likely result in a puckered/skewed appearance.

Care Instructions:

To obtain maximum life from INTERPELL® proofed canvas the following should be followed:

When used in permanent outdoor situations INTERPELL® proofed canvas should be kept clean by brushing regularly with a soft brush and hosing with cold water. Do not allow bird droppings, earth, sand or vegetable matter to remain in contact with the canvas.

Do not apply soaps, detergents or other cleaning fluids and keep petrol, kerosene or other similar solvents away from the canvas.

Ensure that the canvas is thoroughly dry before putting away.

Should mildew spots appear, brush them off before they become attached. Persistent mildew growth should be treated with a solution of one part White King® to three parts of lukewarm water, maximum temperature 38° C. Apply the diluted solution to the fabric with a stiff brush or broom and rinse off thoroughly after 15 minutes. Follow the safety directions outlined on the White King® containers.

The specifications contained herein are based on a typical production sample, and are accurate at the time of printing. Bradmill Outdoor Fabrics reserves the right to change the specification without notice. Colour may vary from batch to batch.

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