



Bradmill Outdoor Fabrics



Bradmill Outdoor Fabrics Pty Ltd

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PRODUCT INFORMATION

**10 300 200 XLP & CWR SUPERDUX®
Tenting and General Purpose Light Weight Canvas**

Features: 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: XLP Pigment coloured, waterproofed and rot proofed
CWR Dyed base, 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 XLP 345 g/m² (10.1 oz/yd²)
CWR 300 g/m² (8.8 oz/yd²)

Width: 200 cm

Roll length: 50 m

Typical Performance:

Strength:	Breaking Force (N) (AS2001.2.3A)	Warp: 1840	Weft: 1300
	Tearing Force (N) (AS2001.2.10)	Warp: 65	Weft: 45

Water Resistance:

Hydrostatic Pressure (kPa) >4.0
(AS2001.2.17)

Cone Leakage (ml) 0
(AS2001.2.18)

Shrinkage:

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)	XLP	7		
	CWR	6		
Rub Fastness (AS2001.4.3)	XLP	Dry: 3	Wet: 3-4	
	CWR	Dry: 4-5	Wet: 3-4	

Total Colour Difference (as compared to nominated standard):

CMC 2:1 DE <1.0

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End Use Recommendations:

SUPERDUX® 10 300 with the XLP or CWR finish is designed primarily as a tenting fabric for use in both roofing and walling. However, its dense construction and the use of blended polyester/cotton yarns impart 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
- ❖ Market Umbrellas

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.

SUPERDUX® 10 300 with XLP finish will 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 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 Superdux® the following should be followed:

When used in permanent outdoor situations Superdux® 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.

To ensure that water repellency is fully retained after continuous outdoor exposure, the fabric should be reproofed with a water repellent compound every 12 months or so. Bradmill Outdoor Fabrics' BradProof® reproofing compound is recommended for this purpose. Application of BradProof® will impart water proofing and fungal resistance. Please note: BradProof® dries to a slightly milky colour and application may affect fabric appearance. For this reason it is recommended that Bradmill Outdoor Fabrics' BrellaGuard reproofing compound be used to reproof the 10 300 CWR Black 6035.

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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