



SOLARA









ENGINEERED FOR PERFORMANCE. DESIGNED FOR AUSTRALIA.

SOLARA 200

APPLICATIONS Shade sails, shade structures, tensile structures


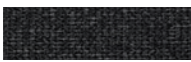

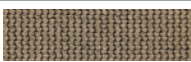
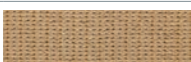
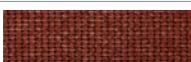


TECHNICAL SPECIFICATIONS								
WEIGHT	ROLL WIDTH	ROLL LENGTH	UV WARRANTY	BURST STRENGTH AS2001.2.4 - 1990	BURST FORCE AS2001.2.19 - 1988	TEAR RESISTANCE /WING RIP AS2001.2.10 - 1986	BREAK FORCE (GRAB TEST) AS2001.2.3.2 - 2001	ELONGATION AT BREAK AS2001.2.3.1 - 2001
200gsm	300cm	50m	15 years	Mean 3880 kPA	Mean 1403N	Warp 163N Weft 137N	Warp 1400 Weft 1800N	Warp 62.5% Weft 69.5%

PRODUCT SPECIFICATIONS									
COLOUR RANGE	COVER FACTOR	SHADE FACTOR	UV-VIS TRANS %	UVR TRANS%	UVR BLOCK%	PAR TRANS%	UVE %	PROTECTION CATEGORY	
Night Sky 	92	92.5	7.5	7.4	92.6	7.5	91	Very Effective	
Slate Grey 	92	92.3	7.7	7.3	92.7	7.7	92	Very Effective	
Sonic Silver 	88	89.1	10.9	11.1	88.9	11	88	Effective	
Kalahari Sands 	90	77.2	22.8	9.8	90.2	24.5	90	Effective	
Fern Green 	89	86.3	13.7	11.1	88.9	14.3	87	Effective	
Azure Blue 	92	85.2	14.8	9.1	90.9	17.7	90	Effective	

SOLARA 320

APPLICATIONS Shade sails, shade structures, tensile structures

TECHNICAL SPECIFICATIONS								
WEIGHT	ROLL WIDTH	ROLL LENGTH	UV WARRANTY	BURST STRENGTH AS2001.2.4 - 1990	BURST FORCE AS2001.2.19 - 1988	TEAR RESISTANCE /WING RIP AS2001.2.10 - 1986	BREAK FORCE (GRAB TEST) AS2001.2.3.2 - 2001	ELONGATION AT BREAK AS2001.2.3.1 - 2001
320gsm	300cm	50m	15 years	Mean 2440 kPA	Mean 2273N	Warp 181N Weft 188N	Warp 690 Weft 920N	Warp 71.5% Weft 75%

PRODUCT SPECIFICATIONS									
COLOUR RANGE	COVER FACTOR	SHADE FACTOR	UV-VIS TRANS %	UVR TRANS%	UVR BLOCK%	PAR TRANS%	UVE %	PROTECTION CATEGORY	
Midnight Black 	98	98.1	1.9	1.9	98.1	1.9	97	Most Effective	
Charcoal 	97	97.8	2.2	2.1	97.9	2.2	97	Most Effective	
Silver 	90	91.1	8.9	9.0	91.0	9.0	90	Effective	
Latte 	94	87.9	12.1	5.6	94.4	13.2	94	Very Effective	
Beige 	95	82.5	17.5	5.2	94.8	19.1	94	Very Effective	
Sunblaze 	95	91.6	8.4	4.6	95.4	8.0	94	Very Effective	
Forest Green 	96	94.5	5.5	3.8	96.2	5.9	96	Most Effective	
True Blue 	97	92.7	7.3	3.6	96.4	9.2	96	Most Effective	

Please note all results can vary +/- 5%

SOLARA

THE SMART CHOICE FOR DURABLE, HIGH-PERFORMANCE SHADE IN AUSTRALIA'S TOUGHEST CONDITIONS

Solara is a premium shade cloth developed specifically for shade sails, tension structures, awnings, and umbrellas. Built to perform in harsh Australian conditions, it delivers the ideal balance of strength, durability, and UV protection.



PERFORMANCE BY DESIGN

Manufactured from high-density polyethylene (HDPE), Solara is expertly knitted to create a fabric that is both strong and flexible. Its advanced construction ensures excellent airflow while maintaining structural integrity under tension.



VERSATILE RANGE

Available in 200gsm and 320gsm, Solara suits diverse applications – from public spaces to residential settings. A contemporary colour palette enables seamless integration across parks, schools, commercial projects, and outdoor environments.



PRECISION & STABILITY

Engineered for accuracy, Solara delivers excellent lay-flat performance for precise fabrication. Minimal shrinkage supports long-term reliability, while strong dimensional stability ensures consistent performance in demanding environmental conditions.



UV PROTECTION YOU CAN TRUST

Designed for Australian conditions, Solara is tested to ARPANSA standards. Most colours achieve Very Effective or Most Effective UV protection, with select options rated Effective – ensuring dependable sun protection across applications.



STRENGTH & HANDLING

Strong and dependable under tension, Solara remains lightweight and easy to handle – making fabrication and installation efficient and reliable.



BUILT TO LAST

Backed by a 15-year warranty against UV degradation – delivering confidence and peace-of-mind for you and your clients.



SOLARA

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