



**Protecting
People
Just Like You**



polyfabTM
Australia



Thank you for considering Polyfab

polyfabTM
Australia

Protecting People Just Like You

We understand that as an organisation servicing your local community, protection and performance are key. Polyfab is an Australian based business that is internationally renowned for developing protective shade solutions that are designed for the harshest conditions on the planet.

About Polyfab

The Polyfab range features premium shade fabric for commercial and domestic use. In addition to this, we also supply quality industrial, agricultural and horticultural textiles and fabrics.

Since 1995, Polyfab has been at the forefront of shade cloth development, in particular for people protection. Our range is used throughout Australasia, the Middle East, Asia and USA. Explore Polyfab premium shade options and find the best solution for you.

Recommended Applications

The following is a guide to assist you with selecting the right product, for the right project. Complimentary samples are also available upon request from your Polyfab Account Manager.

Schools and Playgrounds



When it comes to environments with young children, there cannot be a compromise on protection. Australians are subjected to the world's highest levels of Ultra Violet Radiation (UVR) and this should be the first priority when it comes to shading for students and children.

Key considerations for schools and playgrounds

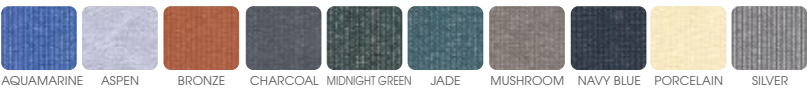
- Medium - Heavy Structures • High UVR Protection • Air Flow • Temperature Control

Suggested Shade Solutions



Comshade

Comshade is perfect for medium to large shade structures and has a proven history of performance under the harsh Australian elements.



Comshade Xtra

Comshade Xtra offers excellent strength and UV protection for any large shade structures and sails.



Parasol

Parasol is a versatile and reliable 'do it all' shade cloth suitable for countless shade structures and sails.



Car Parks



Cars heat up quickly in the sun and Polyfab shade sails can offer a range of solutions. Creating a large spanning shade structure is a challenge, but we have the solution.

Key considerations for carparks

- Medium - Heavy Structures
- Hail Protection
- Temperature Control

Suggested Shade Solutions

ARCHITEC 400
EXTRA HEAVY DUTY KNITTED SHADE CLOTH

Architec 400

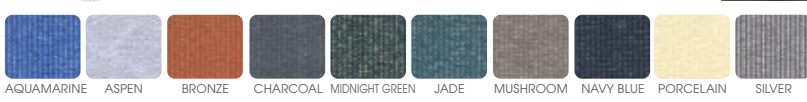
Architec 400 is a 'bullet proof' heavy duty shade cloth with market leading UV protection in its category.



COMSHADE XTRA
EXTRA HEAVY DUTY KNITTED SHADE CLOTH

Comshade Xtra

Comshade Xtra offers excellent strength and UVR protection for any large shade structures and sails.



Commercial



Workplace safety is crucial to employee wellbeing and operational efficiency. Providing a protective and pleasant outdoor environment is a great way to get the best out of any team.

Key considerations for commercial environments

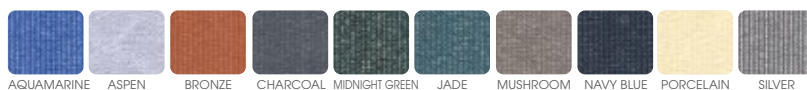
- Medium - Heavy Structures
- UVR Protection
- Aesthetics
- Colour Selection

Suggested Shade Solutions



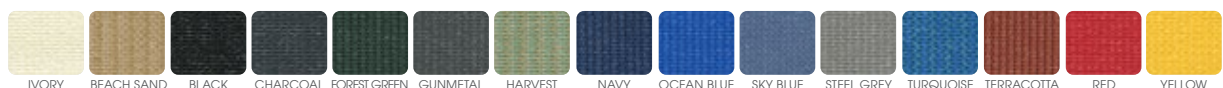
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Residential

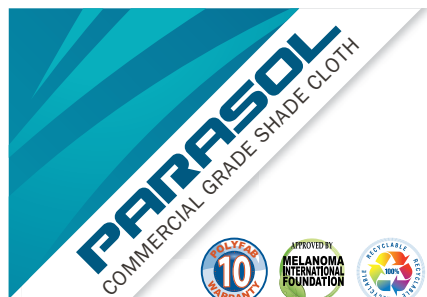


Shade sails are a great way to both revitalise an outdoor environment and protect the family from the elements.

Key considerations for shade structures for residential environments

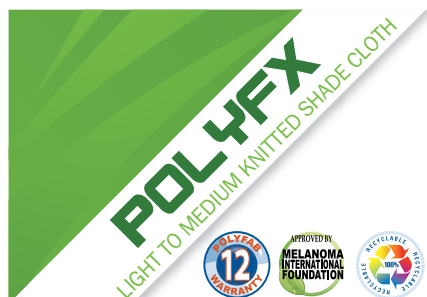
- Light Structures
- UVR Protection
- Temperature Control
- Privacy

Suggested Shade Solutions



Parasol

Parasol is a versatile and reliable 'do it all' shade cloth suitable for countless shade structures and sails.



PolyFX

PolyFX offers an exceptional range of traditional and contemporary colours and is a perfect solution for small to medium shade sails.



Product Specifications

BRAND	PARASOL	POLYFX
Construction	Monofilament and tape	Monofilament and tape
Weight (gsm)	325	230
Width (metres)	3.0	3.8
Roll Length (metres)		
- Centre Folded	50	30
- Unfolded	n/a	n/a
Roll Diameter (cm)		
- Centre Folded	37	26
- Unfolded	n/a	n/a
Roll Weight (kg)		
- Centre Folded	50	26
- Unfolded	n/a	n/a
Freight Cubic (m3)		
- Centre Folded	0.21	0.13
- Unfolded	n/a	n/a
Breaking Force Warp / Weft (N)	700 / 1800	570 / 1850
Tear Resistance Warp / Weft (N/50mm)	81 / 77	100 / 160
Bursting Pressure (kPa)	3500	2600
Bursting Force (N)	1920	1300
UVR Block (%)	87.1 to 95.1	91.3 to 96.7
Flammability Index AS 1530.2 (Range 0 low, 100 high)	10	9
Spread of Flame Index AS 1530.3	8	8
Smoke Developed Index AS 1530.3 (Range 0 low, 10 high)	5	5
Limited Warranty	10 years	12 years

BRAND	COMSHADE	COMSHADE XTRA	ARCHITEC 400
Construction	Monofilament and tape		Monofilament only
Weight (gsm)	330	400	400
Width (m)	3.8 or 6.0 ⁽¹⁾	4.0	3.8
Roll Length (m)			
- Centre Folded	30	n/a	n/a
- Unfolded	50 (3.8 m width) 30 (6.0 m width)	40 40	50 50
Roll Diameter (cm)			
- Centre Folded	28	n/a	n/a
- Unfolded	31 (3.8 m width) 27 (6.0 m width)	30 30	34 34
Roll Weight (kg)			
- Centre Folded	38	n/a	n/a
- Unfolded	63 (3.8m width) 60 (6.0 m width)	64 n/a	76 n/a
Freight Cubic (m3)			
- Centre Folded	0.15	n/a	n/a
- Unfolded	0.37 (3.8m width) 0.44 (6.0m width)	0.36 0.36	0.44 0.44
Breaking Force Warp / Weft (N)	1150 / 2050	1500 / 2300	1050 / 1600
Tear Resistance Warp / Weft (N/50mm)	200 / 230	269 / 262	300 / 280
Bursting Pressure (kPa)	3500	4100	4200
Bursting Force (N)	2000	2390	2300
Flammability Index AS 1530.2 (Range 0 low, 100 high)	18	18	18
Spread of Flame Index AS 1530.3	7	8	8
Smoke Developed Index AS 1530.3 (Range 0 low, 10 high)	4	5	5
UVR Block (%)	93.8 to 96.2	94.9 to 99.7	87.8 to 96.0
Limited Warranty	12 years	15 years	15 years



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