

I N D U S T R Y L E A D I N G 1 2 Y E A R W A R R A N T Y

ARCHITEC 400[®]

EXTRA HEAVY DUTY KNITTED SHADECLOTH

*With Ovalon[™] Monofilament Yarn
for superior strength and high UV protection*



*Architec 400[®] is an extremely strong
UV stabilised knitted shade cloth
that has been designed for large
commercial tension membrane
structures and shade sails.*

POLYFAB
AUSTRALIA

www.polyfab.com.au

ARCHITEC 400®

Architec 400® is tough under the sun

Architec 400® is a 400 gsm High Density Polyethylene (HDPE) fabric with an excellent weight to strength ratio. It has very good tensile strength and is extremely resistant to tearing.

Architec 400® incorporates the latest in ultra violet stabilisers from CIBA Specialty Products. These new generation stabilisers extend the UV life of the fabric so that Polyfab Australia can now offer a 12 year warranty – the best industry warranty available (conditions apply). These new UV stabilisers also provide improved colour consistency and colourfastness.

Introducing Ovalon™ our propriety monofilament yarn

Architec 400® contains no flat tape.

Instead it is made from a combination of monofilament yarn and our new **Ovalon™** monofilament yarn.

Ovalon™ provides excellent strength and has minimal stretch in both the Weft and Warp direction of the stitch pattern and will maintain its tension. It also provides very high UV protection of 90% and over.

With Ovalon™ you get the strength of monofilament yarns combined with the UV protection of tape.

Architec 400® is good under tension

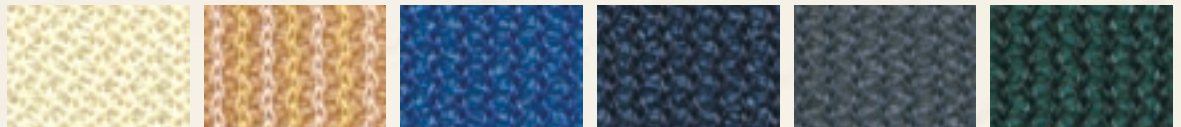
Shade sails using Architec 400® should be well designed and engineered to hold the fabric under the tension it deserves.

The fabric should be supported by using appropriate strength poles, footings, fabrication and installed by an authorised and licensed building contractor. For more information please contact your local Council Building Authorities.

Architec 400® is easy to work with

Architec 400® has been pre-stented to reduce shrinkage and improve the stability of the fabric. This process improves the workability of the fabric during the fabrication and installation of the shade sails or shade structure.

Architec 400® is available in six popular fashion colours



Porcelain

Sandstone

Aquamarine

Navy Blue

Slate Grey

Midnight Green

Note that actual colours may vary slightly from those shown.



Technical Specifications

Testing Procedure	WARP	WEFT
Breaking Force – N/50 mm	1028	1897
Elongation at Break as a %	89.1	92.6
Tear Resistance	324 N	330 N
Bursting Pressure – Mean kPa	4500	
Bursting Force – Mean N	2862	

Colours	Cover Factor	Shade Factor	Mean UPF	%UVA	%UVB	%PAR	%UVR Block
Porcelain	91.3	66.1	11.9	90.3	91.4	60.6	89.7
Sandstone	90.7	73.3	11.6	90.0	90.9	71.7	87.7
Aquamarine	94.6	90.6	22.4	94.1	94.5	89.3	94.3
Navy Blue	96.8	95.0	34.4	96.5	96.7	94.7	96.0
Slate Grey	89.4	84.0	10.1	89.0	89.7	83.7	87.8
Midnight Green	96.3	92.0	28.2	96.0	96.4	91.3	95.1

Available in 3.80 m wide rolls

Average Weight: 400 gsm

Other colours made to order and subject to quantities purchased.

The above information represents the results obtained from independent testing authorities and was accurate at the time of printing. Polyfab Australia reserves the right to alter product specifications without notification. Polyfab Australia assumes no obligation or liability for the suitability and use of its products other than those applications intended by the manufacturer.

For more information contact Polyfab Australia.



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