



Suggested Specification

Shade cloth fabric will be compliant to Australian Standard 4174 and must be Z16 HDPE knitted extra heavy duty shade fabric with mono filament and tape construction for maximum solar protection.



100% Recyclable

Technical Properties					
Weight: 200GSM	Width: 3 metres	Roll length 50 metres			
Strength Characteristics	Result	Standard			
Breaking force - warp	443	N/50mm	2001-2001.2.3.1 AS		
Breaking force - weft	902	N/50mm	2001-2001.2.3.1 AS		
Elongation at break - warp	63.5	%	2001-2001.2.3.1 AS		
Elongation at break - weft	36.2	%	2001-2001.2.3.1 AS		
Tear resistance - warp	143	N	1986-2001.2.10 AS		
Tear resistance - weft	184	N	1986-2001.2.10 AS		
Bursting pressure	2500	kPa	1990-2001.2.4 AS		
Bursting force	1352	N	1998-2001.2.19 AS		
Flame Retardancy	Result	Standard			
Ignitability index	13	1999-AS1530.3			
Spread of flame index	8	1999-AS1530.3			
Heat evolved index	2	1999-AS1530.3			
Smoke developed index	5	1999-AS1530.3			
Flammability index	1 (range 0-100)	1993-AS1530.2			
Spread factor	0	1993-AS1530.2			
Heat factor	1	1993-AS1530.2			
Solar Protection Properties	% UVR Block	Shade Block	Solar Protection Properties	% UVR Block	Shade Block
Black	99	97	Mulberry	94	91
Rainforest	98	91	Eucalyptus	93.8	90.6
Desert Sand	97	89	Navy Blue	93	93
Silver Grey	97	89	Laguna Blue	93	89
Red Earth	97	93	Atomic Orange	92.7	82.5
Charcoal	96	96	Turquoise	92.7	84
Olive	95.1	89.4	Zesty Lime	91.7	83.7
Chocolate	95	94	Electric Purple	90.5	82.8
Royal Blue	95	88	Rust Gold	88	87
Sunflower	94.7	79.4	Terracotta	87	84
Cinnamon	94.4	91.5	Ice White	83.3	62.4
Hail Resistance & Wind Speed Data	Result	Standard	Comment		
Hail (Impact Resistance of Prepared Roof) Covering Materials	Class IV Pass	UL2218	No Failure Observed		
Wind Tunnel Test Data (CSIR)					
Local Air Speed	KM/H 203	No Failure			
EAS Speed	KM/H 188	No Failure			