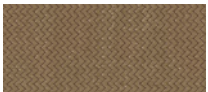
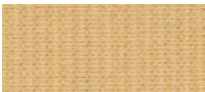
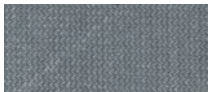
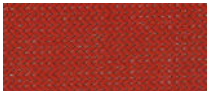
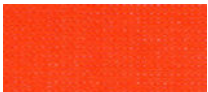
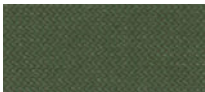
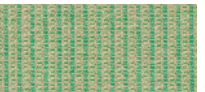




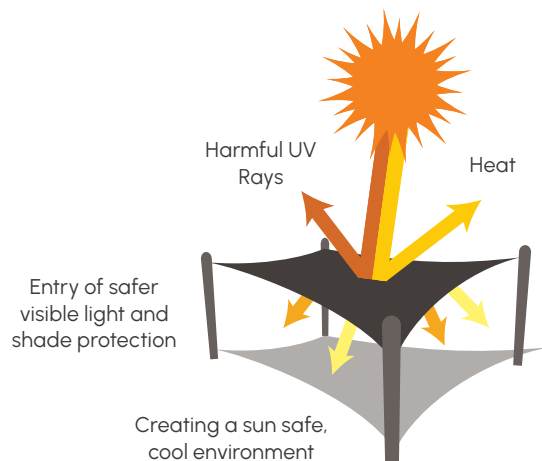
Z16 ✦ Designer Colour Guide



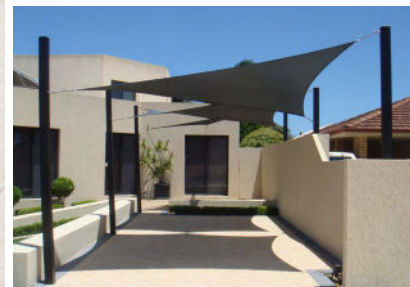
							
Cinnamon UVR 94.4% SHADE 91.5%	Desert Sand UVR 97% SHADE 89%	Silver UVR 97% SHADE 93%	Charcoal UVR 96% SHADE 96%	Black UVR 99% SHADE 97%	Navy Blue UVR 93% SHADE 93%	Laguna Blue UVR 93% SHADE 89%	Royal Blue UVR 95% SHADE 88%
							
Turquoise UVR 92% SHADE 84%	Rainforest UVR 98% SHADE 91%	Red Earth UVR 96.7% SHADE 92.2%	Terracotta UVR 87% SHADE 84%	Rust Gold UVR 88% SHADE 87%	Mulberry UVR 94% SHADE 91%	Chocolate UVR 95% SHADE 94%	Ice White UVR 83.3% SHADE 62.4%
							
Zesty Lime UVR 91.7% SHADE 83.7%	Electric Purple UVR 90.5% SHADE 82.8%	Atomic Orange UVR 92.7% SHADE 82.5%	Sunset Red UVR 93% SHADE 77%	Sunflower Yellow UVR 94.7% SHADE 79.4%	Eucalyptus UVR 93.8% SHADE 90.6%	Olive UVR 95.1% SHADE 89.4%	Gumleaf UVR 98% SHADE 91%

The ultimate in solar protection

Rainbow Shade, a leading supplier for over 25 years, has specifically developed it's shade products to provide the Ultimate Solar Protection.



-  High UV-R Protection (Up to 99%)
-  Easy Care & Maintenance
-  Fire Rated Fabric
-  Hail Resistant
-  Safe Filtered Light Transmission
-  Great Heat & Glare Reduction
-  High Tensile Strength
-  Proven Durability & Longevity





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		