



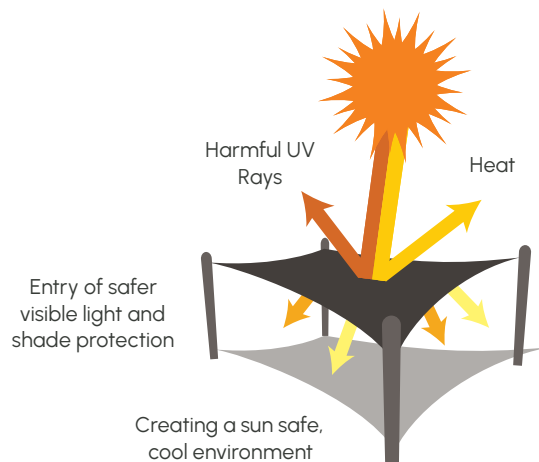
Z16 ✦ Designer Colour Guide



							
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%)
-  Fire Rated Fabric
-  Safe Filtered Light Transmission
-  High Tensile Strength
-  Easy Care & Maintenance
-  Hail Resistant
-  Great Heat & Glare Reduction
-  Proven Durability & Longevity

Z16 Design Inspiration





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			