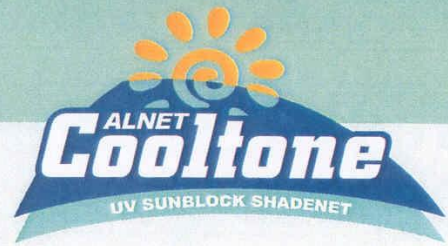


ALNET

A Trusted Name. A Tested Reputation.



SUNBLOCK Shadenet

As a leading and innovative manufacturer of Shadenets globally, Alnet (Pty) Ltd is proud to introduce our new range of innovative Decorative Shadenets,

SUNBLOCK

Sunblock has been designed for use in both the lightweight shadenet structure as well as high-tension structures, where the critical requirements are for a lightweight fabric, but with mechanical properties capable of withstanding the stresses generated in High Tension Structures.

Sunblock is that fabric, with its unique multi-directional tensile strengths, elongation properties, and stability under load.

Sunblock is designed to offer controlled shade cover, together with optimum convection properties, creating temperature differentials of from 8 % to 14 % between a Sunblock covered area and uncovered area.

Sunblock with its specifically profiled monofilaments still has a high UV blackout property, even though the fabric is lightweight.

Sunblock is a shadenet truly capable of providing the ultimate solution to the blackout of dangerous UV Rays, whilst providing optimum levels of shade cover and temperature reduction.

AFRICAN GOLD

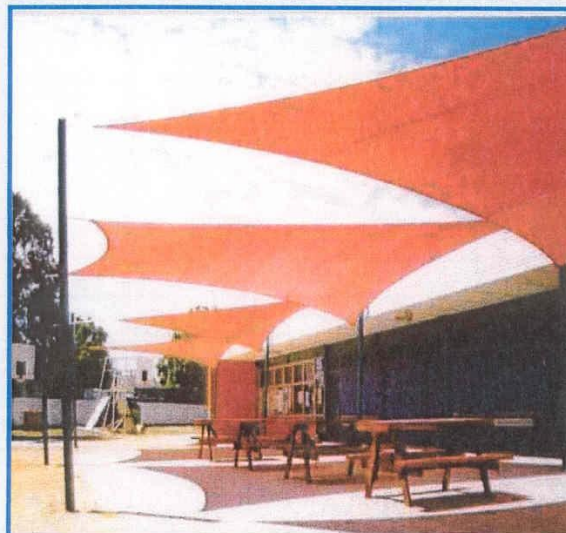
PEPPER GREEN

ATLANTIC BLUE

TERRACOTTA

SAHARA SAND

MERCURY SILVER



Sunblock offers

- ! High levels of Shadecover
- ! High levels of UV Blockout
- ! High tensile strengths in both warp and weft directions
- ! High burst strength
- ! High levels of air permeability
- ! Controlled elongation properties in both warp and weft directions.

Not just any shadenet, but **ALNET** Shadenet



Cooltone conforms to the SABS (South African Bureau of Standards) 1703 Certification

SUNBLOCK SPECIFICATIONS

PROPERTIES	Test Method	Unit	SUNBLOCK					
			African Gold	Pepper Green	Atlantic Blue	Mercury Silver	Terracotta	Sahara Sand
Raw Material			HDPE Knitted	HDPE Knitted	HDPE Knitted	HDPE Knitted	HDPE Knitted	HDPE Knitted
Manufacturing process								
Mass (Ave)	SABS 79	g/m ²	210	209	217	209	213	209
Thickness	SABS 0221 - 88	mm	0.93	0.91	0.98	0.95	0.96	0.93
Stentured (Heat Set)			YES	YES	YES	YES	YES	YES
UVR Transmission 290nm - 400nm		%	9	5	5	5	6	20
UVR Blockout 290nm - 400nm		%	91	95	95	95	94	80
UV Protection Factor			11	20	20	20	17	5
Light Transmission 400nm - 700nm	ALNET	%	20	17	16	10	15	32
Light Blockout (Shade Cover) 400nm - 700nm	ALNET	%	80	83	84	90	85	68
Air permeability	ALNET	%	38	38	38	38	38	38
Strip Tensile test	SABS 0221 - 88							
a. Warp		kN/m	14.4	14.5	14.1	13.8	14.3	14.3
b. Weft		kN/m	13.8	13	13.2	12.8	13.2	13
Elongation at break	SABS 0221 - 88							
a. Warp		%	48	48	47	48.3	47.2	47.5
b. Weft		%	51	51	50	52	51	51
Burst strength	SABS 0221 - 88	kN	2.8	2.8	2.9	2.83	2.75	2.7
Elongation		%	29.6	28	28.6	29.7	28.3	28.7
Tear strength (wing)	ASTM D 1424							
a. Warp		N	158	162	162	161	158	158
Elongation		%	103	105	104	101	101	101
b. Weft		N	132	130	139	135	138	135
Elongation		%	101	101	101	103	102	101
Water Runoff								
0°		%						
10°		%						
20°		%						
30°		%						
40°		%						
50°		%						
60°		%						
70°		%						
Temperature Stability								
a. Minimum		°C	minus 25	minus 25	minus 25	minus 25	minus 25	minus 25
b. Maximum			plus 80	plus 80	plus 80	plus 80	plus 80	plus 80
Widths		m	3	3	3	3	3	3
Length		m	50 & 25	50 & 25	50 & 25	50 & 25	50 & 25	50 & 25
Stability against UV Degradation		years	10	10	10	10	10	10
Fire Retardant			NO	NO	NO	NO	NO	NO

* TESTS TO BE PUBLISHED AT A LATER STAGE *

Note: The values given correspond to average results obtained in Laboratories and are indicative. All information is given in good faith and to the best of our knowledge is correct and is supplied without guarantee or responsibility.

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