

RAINBOW SHADE

Z16 4 Tonne Load Test



“ Z16’s high performance can be attributed to it’s construction pattern, quality of raw materials & manufacturing process ”

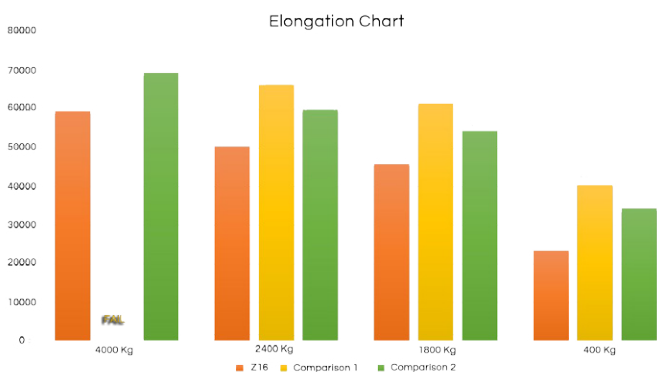
The load test was designed to measure and compare fabric stability and strength. Simulating wind and rain load forces which fabric installations are subjected to, Z16 and two other fabric were tested and compared.

The testing frame is 2.8m x 3m and loaded with 25kg bags and measurements were taken every 200kg to see how far the fabric had elongated under heavy loads.

The outstanding test results reveal Z16 as the clear winner. A strong and stable fabric which stands out from the comparison fabrics, with much less elongation under a 4000kg load making it the clear choice for your next project.



	Z16	Comparison1	Comparison 2
Load (Kg)	Stretch in Millimetres		
400	235 00	405 00	345 00
1800	46000	61500	54500
2400	50500	66500	60000
4000	59500	FAIL	69500



- Tests show that Z16 has up to 72% less stretch
- Comparison fabrics were 15% & 20% heavier than Z16
- Under load the two higher GSM fabrics did not produce greater fabric stability.