



Sustainable Chelsea

Country of Origin	Designed and Manufactured in Australia	
Launch	1993	
Application	Woven upholstery fabric suitable for Residential, Commercial and Public seating or acoustic panels	
End Use Classification AS 2687-1997 : Table 2	Classification 5 Commercial Heavy Duty. Performance complies to all End Use Classifications 1 - 5	
Environmental LCA ISO 14024	Audited by Bureau Veritas Australia and New Zealand and licensed to carry Australia's ISO 14024 Type 1 Ecolabel, GECA Textiles & Leather TLv3.0-2014	
Carbon Neutral	Certified Carbon Neutral by Climate Active.	
Building Programs	Architects Declare Product Aware WELL NABERS & LEED Infrastructure Sustainability Council of Australia's IS rating program Green Building Council of Australia's GREEN STAR rating program	
Low emitting TVOC's ASTM D5116-97	Total Volatile Organic Compound Specific area Emission rate :	<0.005 mg/m2/hr
Composition HS Code	100% Australian Ecowool with No FR or PFAS chemicals Woven Fabric of Combed Wool, Dyed	5112.19.95.60
Width / Roll	137cm / 30m approx.	
Mass	approx. 445g/m2 approx. 623gms/linear metre	
Repeat and Colours	No Repeat, 81 woven colourways including Chelsea Q Colour variations may occur from batch to batch, check before cutting.	
Special Colours	Special colours available on request, subject to minimum order quantity.	
Abrasion Resistance AS 2001.2.25-2006	Martindale Method : Meets Abrasion Resistance requirements of AS2687 for Classification 5 Commercial Heavy Duty.	57,500

Early Fire Hazard Test AS/NZS 1530.3-1999, ISO 5660	Ignitability Index: (Range 0 - 20)	14
	Spread of Flame Index: (Range 0 - 10)	0
	Heat Developed Index: (Range 0 - 10)	0
	Smoke Developed Index: (Range 0 - 10)	3
Regulatory Indices		
IMO Resolution A.652 (16) 8.2 & 8.3 (BS 5852 : ISO 5660)	Did Ignition Occur	No
	Assembly smouldering when dismantled:	No
	Test assembly self extinguished	Yes
	Flame Time	NA Minutes
Cone Calorimeter Fire Test AS/NZS 3837:1998	Average Heat Release Rate :	41.4 kW/m2
	Average Specific Extinction Area :	39.4 m2/kg
	(to be less than 250m@/kg in unsprinklered buildings)	
	Product Group Number Classification :	Group 2
Pilling TWC TM 196-2009	Mean Rating : (where best is 5, CTA = 3-4)	4 - 5
	Classification 5 Commercial Heavy Duty.	
Yarn Slippage : Standard Seam AS 2687-1997	Warp: 180 N	6.0mm
	Weft 180 N	5.5mm
	Upholsterer to use an upholstery seam designed for extra strength	
Colourfastness to Light ISO 105-B02-2014 Xenon Arc	Lightfastness Rating :	5
Colourfastness to Rubbing AS 2001.4.3.1995	Wet and Dry :	4 - 5
	Meets AS 2687-1997 Colourfastness to Light and Rubbing requirements for Classification 5 Commercial Heavy Duty.	
Environmental	<p>Licensed to carry GECA's Textiles and Leather (TLv3.0-2014) Ecolabel, and Certified Carbon Neutral by Climate Active.</p> <p>Pesticide use is strictly limited and known aquatic toxins prohibited.</p> <p>No illegal harvest of wood and fibre for raw materials.</p> <p>Biodegradable substances must be used in manufacturing.</p> <p>Waste management and energy use strategies in place.</p> <p>Limits on heavy metals in final product.</p> <p>Restrictions or bans on known carcinogens, mutagens or other specific toxic substances including potentially cancer causing dyes and dye by-products.</p> <p>No unsubstantiated claims(greenwashing).</p> <p>Workers can expect fair pay, equal opportunity and safe working environment.</p> <p>Manufacturers must comply with International Labour Organisation Conventions for no forced labour or worker exploitation.</p>	
Benefits of Wool	<p>Durable</p> <p>Biodegradable</p> <p>Anti Static</p> <p>Naturally Flame Resistant</p> <p>Renewable</p> <p>Comfortable</p>	