

1% Spectra Fibreglass Sunscreen

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Features

Spectra Fibreglass Sunscreen is made with Enduris™ Glass Core Technology - a combination of superior vinyl coatings, glass core yarns and innovative weaving techniques making Spectra inherently flame resistant, suitable for both residential and commercial applications.

Care Instructions

Dusting with a feather duster is all that is required to keep your fabric looking good. Dirt and grime can be removed by simply wiping fabric skins with a sponge soaked in lukewarm water. If marks are still visible, add a little detergent. Then dry gently with a clean cloth.

Colour Options



Black

Black
Grey

Grey
Black

Grey



Fire retardant
AS1530 part 2



1% Spectra Fibreglass Sunscreen

Technical information

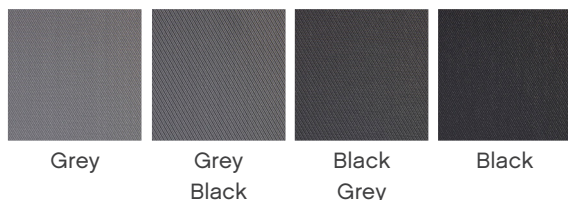
Fabric Density	Sunscreen
Composition	Glass 41.5%, PVC 58.5%
Weight	474gsm
Thickness	0.60mm
Width	3200mm
Colour Fastness	6 Blue Scale
Flame Retardancy	Independently tested to AS1530 part 2. Flammability Index: 5 Range [0-20]
Weave	Twill Weave
Organic emissions (VOC)	Does not exceed the maximum VOC (Volatile Organic Compound) criteria specified by the Green Building Council of Australia (IEQ-11). Greenguard Gold Accredited
Product Options	Evo MagnaTrack External Screen only

Fabric colour	Grey	Grey Black	Black Grey	Black
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Optical/Light properties				
Visual Light Transmittance	2%	2%	1%	0%
Openness factor (nominal)	1%	1%	1%	1%
Heat/Solar properties				
Solar transmittance	5%	3%	1%	0%
Solar reflectance	22%	16%	10%	7%
Solar absorbance	74%	81%	89%	93%

For more information please contact New Zealand Window Shades on 0800 223 224 or <http://www.luxaflex.co.nz/contact-us>

Colour options presented with data specifications



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Enduris™ Glass Core Technology Fact Sheet

Screen shades with a reduced environmental impact

SUSTAINABLE RAW MATERIAL	<ul style="list-style-type: none"> • Sustainable fabric composition • Manufactured principally from renewable mineral elements <ul style="list-style-type: none"> • 36% to 42% glass fiber • 57% of our PVC coating is salt-based (chloride) • Carefully selected substances and additives • Free of phthalates (REACH SVHC), formaldehyde and heavy metals
RESPONSIBLE MANUFACTURING	<ul style="list-style-type: none"> • Lower water consumption • Reduction of non-renewable energy use • Industrial waste reduction • Industrial waste recycling • Recyclable packaging: cardboard pallets & boxes • Re-use of plastic wrapping films
DISTRIBUTION	<ul style="list-style-type: none"> • Key raw materials sourced within Europe or America • Optimum shipping and distribution system minimizing costs • Transport by sea or truck, minimal air freight
ENERGY SAVINGS	<ul style="list-style-type: none"> • External shades can eliminate up to 95% of solar heat penetration (up to 75% for internal shades) depending on material selection and type of glazing • Sun screen shading improves visual comfort while preserving the external view, reducing requirements for artificial lighting • Energy-saving-shades – generating between 33% to 63% savings in lighting and cooling costs: <ul style="list-style-type: none"> • Reduction of inside temperatures by 5°C to 15 °C • Reduction of "greenhouse" effect and overheating in the summer • Reduction of heat loss in the winter • Reduction of the operational costs of the building • Investment reduction: glazing, electrical and lighting appliances • Improved productivity by improving occupant comfort
MAINTENANCE	<ul style="list-style-type: none"> • Durable with exceptional UV-resistance to fading • Suitable for a variety of climates or temperature changes from 55°C to + 70°C • Resistant to outside pollution and confined or humid areas such as indoor swimming pools or spas • Extended working life – at least 15 years for external shades & 30 years for internal shades • Simple cleaning with soapy water or high-pressure water for external shades
LIFE SPAN & END OF LIFE	<p>The amount of emissions coming from the manufacture far outweighs the decades of energy-saving benefits, durability and people productivity for their applications in the tertiary market.</p> <ul style="list-style-type: none"> • Re-use of fabrics: eco-design, green walls, sample swatches, signage • 3 industrial waste recycling projects • Enduris™ Glass core fabrics are recyclable (process in pilot testing)