

3% 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



Fire retardant
AS1530 part 2



Enduris™
GLASS CORE

Luxaflex®

3% Spectra Fibreglass Sunscreen

Technical information

| | |
|-------------------------|--|
| Fabric Density | Sunscreen |
| Composition | Glass 41.5%, PVC 58.5% |
| Weight | 544gsm |
| Thickness | 0.80mm |
| Width | 3200mm |
| Colour Fastness | 7 Blue Scale |
| Flame Retardancy | Independently tested to AS1530 part 2. Flammability Index: 1 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 | Bronze | Linen |
|---------------|------|------------|--------|-------|
|---------------|------|------------|--------|-------|

| Optical/Light properties | | | | |
|----------------------------|-------|-------|-------|-------|
| Visual Light Transmittance | 4.9% | 3.7% | 47% | 11% |
| Openness factor (nominal) | 3% | 3% | 3% | 3% |
| Heat/Solar properties | | | | |
| Solar transmittance | 5.1% | 3.7% | 4.8% | 13.4% |
| Solar reflectance | 14.2% | 12.7% | 9.1% | 15.3% |
| Solar absorbance | 80.7% | 83.6% | 86.1% | 33.4% |

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



New Zealand Window Shades Ltd.
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June 2021



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Technical information

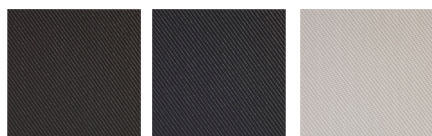
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| Weave | Twill Weave |
| Organic emissions (VOC) | Does not exceed the maximum VOC (Volatile Organic Compound) criteria specified by the Green Building Council of Australia (IEQ-11). Greenguard Gold Accredited |
| Product Options | Evo MagnaTrack External Screen only |

| Fabric colour | Black Bronze | Black | Pearl |
|---------------|--------------|-------|-------|
|---------------|--------------|-------|-------|

| Optical/Light properties | | | |
|----------------------------|-----|-----|-----|
| Visual Light Transmittance | 6% | 3% | 6% |
| Openness factor (nominal) | 3% | 3% | 3% |
| Heat/Solar properties | | | |
| Solar transmittance | 6% | 3% | 8% |
| Solar reflectance | 6% | 5% | 40% |
| Solar absorbance | 88% | 92% | 53% |

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Black Bronze Black Pearl

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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) |