



### FABRIC INFORMATION



Flame Retardant

SEMI TRANSPARENT - Metallised Fabric

### SYSTEMS AVAILABLE



Roller Blinds



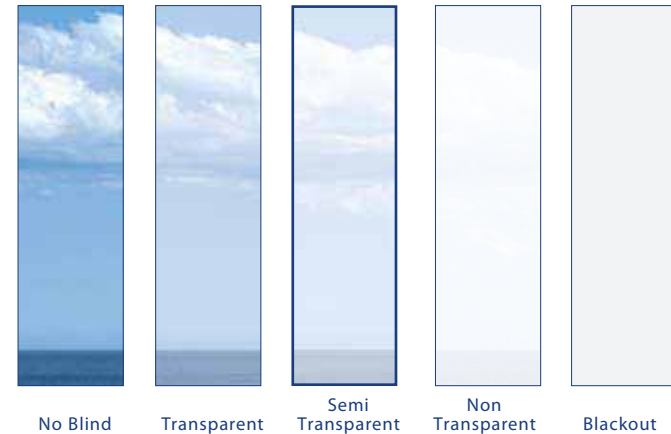
Panel Glide

# Verosol®

## ENVIROSCREEN 802

### SPECIFICATIONS

|   |  |   |                       |
|---|--|---|-----------------------|
| Integrated and thermal optical properties                             | Fabric Density   | EnviroScreen 802 Semi Transparent         |                       |
|   | Fabric colour  | 936 - Steel Grey                          |                       |
|   | Solar transmittance  | 4%  |                       |
|   | Solar reflectance outside  | 69%                                       |                       |
|   | Solar absorbance   | 27%                                       |                       |
|   | Luminous transmittance   | 4%  |                       |
|   | Luminous reflectance outside   | 68%                                       |                       |
|   | Luminous absorbance  | 28%                                       |                       |
|   | UV transmittance   | 3%  |                       |
|   | UV reflectance outside   | 70%                                       |                       |
|   | UV reflectance inside  | 33%                                       |                       |
|   | Openness factor (nominal)  | 2%  |                       |
|   | Ra[Colour rendering index]   | 98%                                       |                       |
| Glazing Type  |  | Single 3mm Clear Glass                    | Solar Control Glazing |
|   | Light transmittance  | 3.6%                                      | 2.8%                  |
|   | G-value  | 24%                                       | 16%                   |
|   | Shading coefficient  | 28%                                       | 18%                   |
|   | U-value (W/m <sup>2</sup> K)   | 2.0                                       | 0.7                   |
| Composition   | 100%PES / Trevira CS   |   |                       |
| Weight per m <sup>2</sup>   | 200g ± 5%  |   |                       |
| Thickness   | 0.35mm ± 5%  |   |                       |
| Dimensional stability / Breaking strength                             | Warp   | 70daN/5cm elongation to breakpoint < 8%   |                       |
|   | Weft   | 110daN/5cm elongation to breakpoint < 10% |                       |
| Aluminium Adhesion  | ISO 2409   | Classification 0                          |                       |
| Colour fastness to light  | ISO 105-B02  | minimal 5, metallised 8                   |                       |
| Anti static   | Fabric is anti-static  |   |                       |
| EnviroScreen 802 fabric is a GREEN product: Formaldehyde and PVC free |  |   |                       |
| Organic Emissions [VOC]   | Green Building Council of Australia - Green Star Office Interior Spec. | < 0.25mg/m <sup>3</sup>                   |                       |
| ASTM D5116-97   | Total Volatile Organic Compound - Specific Area Emission Rate          | < 0.05mg/m <sup>2</sup> /hr (7 days)      |                       |
| Flame retardancy  | Ignitability Index   | 0   | Range [0-20]          |
|   | Spread of flame index  | 0   | Range [0-10]          |
| AS/NZS 1530.3-1999  | Heat evolved index   | 0   | Range [0-10]          |
|   | Smoke developed index  | 0-1                                       | Range [0-10]          |



### FEATURES

EnviroScreen 802 Fabric is a GREEN product, Formaldehyde and PVC free. EnviroScreen 802 is 100% Trevira CS woven to 2400mm width. A robust fabric with screen like character, EnviroScreen 802 provides vision out whilst maintaining comfort for the occupants of the building / home irrespective of colour. EnviroScreen 802 is flame retardant and suitable for commercial and residential applications.

Note: All presented data calculated in WIS 3.0.1 (Advanced Windows Information System) with spectral data. Specifications and other data are based on information available at the time of preparation of this document and are subject to production tolerances and/or change without prior notice. Flame retardancy information is sourced from AWTA testing results. Please note that test results may vary slightly depending on fabric colour. [Solar Control Glazing EN 13363-2, ISO 15099, Measurements according to EN410], [3mm Single Glass(Pilkington OpCL\_3.plg) according to EN410, ISO 9050 and ISO 15099 without ventilation].