sunscreens & rollershades specification sheet

Luxaflex®
WINDOW FASHIONS

www.luxaflex.co.nz

PRODUCT OVERVIEW

Product overview

Sunscreens are available as interior Roller Blinds, Roman Shades, Panel Glides. Sunscreens allow the building occupants to enjoy their view and natural light whilst providing low light transmission, glare reduction and excellent shading values.

Fabric range sunscreen

Extraview® Plus
Landscape
LaVista
Novascreen
HD Greenscreen™
M-Screen 8505
E-Screen 7505
E-Screen 7510
T-Screen 9603
Green Screen™ Vela Met
Green Screen™ Vela

Metalised fabrics

Silverscreen
Metallised 816
Metallised 812
Metallised 878

New fabrics are constantly in development including eco-friendly Greenscreens™.

Hardware specification overview

Rollershades and Sunscreens are available in spring, chain or automated operating systems.
Chain control, automation and spring control utilise extruded aluminium roller tube and hard-wearing UV resistant plastics.

Durability

Glass fibre based fabrics possess inherent strength, dimensional stability and chemical resistance. Polyester fabrics are also available to provide an environmentally friendly option while still offering high levels of performance. Sunscreens are naturally resistant to growth of mould and mildew and are easily cleaned. The colourfastness of the fabric is 6-7 blue scale (where maximum score is 7) (AS 2001.4.21).
The operating hardware is cycle tested to ensure long term durability.

Applications

Situations where view retention is required while providing shading and glare reduction, e.g. Audio visual rooms, computer work stations and open plan living areas.

Applications where natural light is desired whilst providing some shading e.g. restaurants, residences, galleries and exhibition spaces, public spaces, schools.

Energy benefits

Shading that is fitted to a building provides significant reductions in solar heat gain, while reducing UV rays.

Automated Sunscreens can be connected to Building Management Systems for optimal control of air conditioning loads and comfort of the building occupants.

Environmental and employee benefits

The light filtering effect of Sunscreens means that the use of natural light in the workplace can be maximised, which is important for individual productivity and well being as well as reducing the need for artificial lighting during the day.

Luxaflex®, operates under an Environmental Management System that actively works towards waste and emission reduction and maximising the use of recycling.

Fire retardant

Some Sunscreens are suitable for use in Class 2-9 buildings according to the Building Code of Australia. Refer to the fabric sheets in this manual.

Warranty

Sunscreens are covered by a 3 Year Warranty. Conditions apply.

Automation

All Sunscreens and Rollershades can be automated with remote control, wall switches or linked to Building Management Systems. For more information refer to automation section of this manual.

Sunscreens – the balance between light and shade

Sunscreens have become the product of choice for shading windows in New Zealand homes and business and it is easy to understand why.

Maintaining your outside view

The unique weave of Sunscreen fabrics allows a view through the fabric from the area of lesser light to the area of greater light. That means that during the day, building occupants can see through the fabric to the outside, while there is a high level of privacy from people looking from the outside into the building.

The darker the colour, the greater the amount of light transmitted, hence the better the view through the fabric. In fact, black fabric provides very little obstruction to the view outside.

Sufficient natural light

Human beings crave natural light. It sets our body clock and triggers the sensation of colour in our brain.

The open weave of Sunscreens filters natural light – the higher the openness factor and the lighter the colour, the more light is transmitted.

Shading

Outside, sunlight can vary in strength from as much as 100,000 lux to less than 10,000 lux, but inside we need from 100 to 1000 lux, depending on the task. Most often we need a light level of 300-500 lux, so windows must be shaded to reduce the quantity of light entering the room. As a rule of thumb, maximum luminance differences between the window, walls and computer screens should be 30:10:1.

Sunscreens transmit around 5% to 25% of the outside light, depending on the weave and colour, and so provide significant shading that supplements the shading provided by the glass.

Glare reduction

Reflections and high luminance variations cause eye discomfort, particularly where people are using computers.

Sunscreens provide uniform shading across a window, eliminating light spots and annoying reflections. The darker the colour, the greater the glare reduction.

Heat protection

In warm climates like that of most of New Zealand, the need for heat protection is a key consideration in the comfort of the building occupants and the cost of cooling the building with air conditioning.

Sunscreens transmit as little as 7% of heat, depending on colour and weave. Lighter colours and less open fabrics reflect more heat than darker colours in more open weaves. Sunscreens provide the greatest heat protection when fitted externally, as they stop most of the sun's rays before they reach the glass.

UV protection

UV protection, particularly in New Zealand and Australia, where depleted ozone levels have increased the incidence of skin cancer.

Requirements for correct levels of light, contrast and outside view in the workplace are already incorporated in legislation in Europe.

The need for UV protection for people is well known. UV radiation also damages furnishings – unprotected carpets near windows can fade within months.

Sunscreens filter UV radiation, reflecting up to 94% of the UV radiation that is transmitted through the window.

Rollershades - Investment dressing for your windows

Style and practicality are usually not words that you would use in the same breath, but Luxaflex® Blockout fabrics combine both.

When choosing a blind your customer has options that will reflect their own sense of style but will also give them the peace of mind that they will retain their good looks. What kind of blind they choose will very much depend on where it will be fitted and what kind of lifestyle they lead.

Do they like to entertain, where spills and accidents are waiting to happen, or are there little hands and sticky fingers that they need to keep in mind? It always takes a little effort to keep your looks and blinds are no different.

Luckily there are options which will keep the blinds looking beautiful for longer.

Teflon® fabric protector

This provides durable, long lasting protection against oil and water based stains, as well as dust and dry soil. The fabric looks newer for longer and is easier to take care of but does not affect the look, feel, colour, breathbility or texture of the fabric.

Oeko Tex Certified

A globally uniform testing certification system, textile raw materials, intermediate and end products all meet the required specification for the exclusion of harmful substances.

Blockout fabric selection guide

Use the chart below to select the right BLOCKOUT fabric with the features you want for your home.

FEATURES	GOOD	BETTER	BEST
FABRIC	Plaza	Twilight	Atmosphere
SANITIZED®	Yes	Yes	Yes
FIRE RETARDANT	Yes	Yes	Yes
DURAGUARD®	No	No	Yes
TEFLON®	No	Yes	No
COLOUR RANGE	20 colours	6 colours	12 colours
FABRIC WIDTH	2400mm*	2000mm	2800mm
APPLICATIONS	Roller	Roller	Roller
	Verticals	Verticals	Romans
	Panel	Panel	Panel
OEKO TEX CERTIFIED	No	No	Yes

*Selected colours now available in 2800mm width.

Sanitized®

Luxaflex® BLOCKOUT fabric options include an exclusive, hygiene function treatment. With the New Zealand climate in mind we have developed a fabric treatment that inhibits the development of bacteria, fungi, dust mites and odour. This is welcome news for customers with respiratory issues such as asthma.

Fire retardant

Another important feature of these Blockout fabrics is fire retardant, giving your customers extra piece of mind. This has been carefully formulated so it does not affect the texture and feel of the fabric, so they maintain their good looks and appearance.

DURAGUARD® Fabric Protector

Duraguard® has been exclusively developed for our company with the rigours that blinds have to face in mind. With this applied the fabric will repel most staining agents with its proven, water based, fluorochemical formula. When spills like tea, coffee, oil or red wine come in contact with the treated fabric, the liquid forms beads and simply rolls off. This makes the fabric much easier to clean and keeps its pristine look for longer.

MODELS AND OPTIONS

Single roller sets refer to following pages

All options have been given a set number to ensure the correct combination is given.

They start with a single spring operated blind (Set 10) through to three blinds with chain control linked together in a cassette headbox (Set 61, 62).

Sunscreen rollershades SET 12

Classic Chain Drive.
Twin Roller sets refer to following pages

All options have been given a set number to ensure the correct combination is given.

They start with a single twin roller combination with a control at each end (Set 70) through to a set of three twin rollers linked together with four sets of controls (Set 92.93).

Twin rollershades SET 71

Soft lift spring assist

This is available for large blinds that are heavy to raise. A spring is added to the end of the chain control. The soft lift spring assists in the raising of the blind. Soft lift spring assist can be added retrospectively. Supplied as standard on all blinds 4m2 and over.

Minimum width 800mm.

Cassette headbox and side guides

The Cassette System is available in 70mm and 90mm sizes (Refer to diagrams in specification section). They are ideal in areas requiring no light gaps ie. home theatre rooms and audio visual rooms.

All light is excluded at tops and sides. For blinds with a drop of up to 1500mm the box 70mm is used. The box 90 is used for drops of 1500mm to 3000mm.

The standard colour is white with other colours available on indent. The side guides fit to the side jamb or back of the jamb. Where two blinds in one in window are required an intermediate guide is available. This guide must face fix onto a mullion as it does not fix to the headbox. The blinds in the cassette box can be chain operated or automated.

Cassette system Box 90mm

Automation

All of the above options can be automated. For more information refer to automation section of this manual.

LEGEND

SOFT LIFT SPRING ASSIST
Allows heavy fabrics and inline sets to be lifted with ease. Minimum width = 800mm

CASSETTE BOX 70 & 90
HEIGHT 70/90MM
DEPTH 67/87MM
Conceals roller and chain control inside a stylish cassette box. Optional side guides

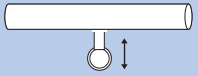
INTERMEDIATE BRACKET
24 MM
Replaces 2 brackets with 1, reducing the light gap & allows 2 blinds to operate independently.

INLINE JOINER BRACKET
24 MM
Allows two blinds to operate together with one control. Reduces light gap.

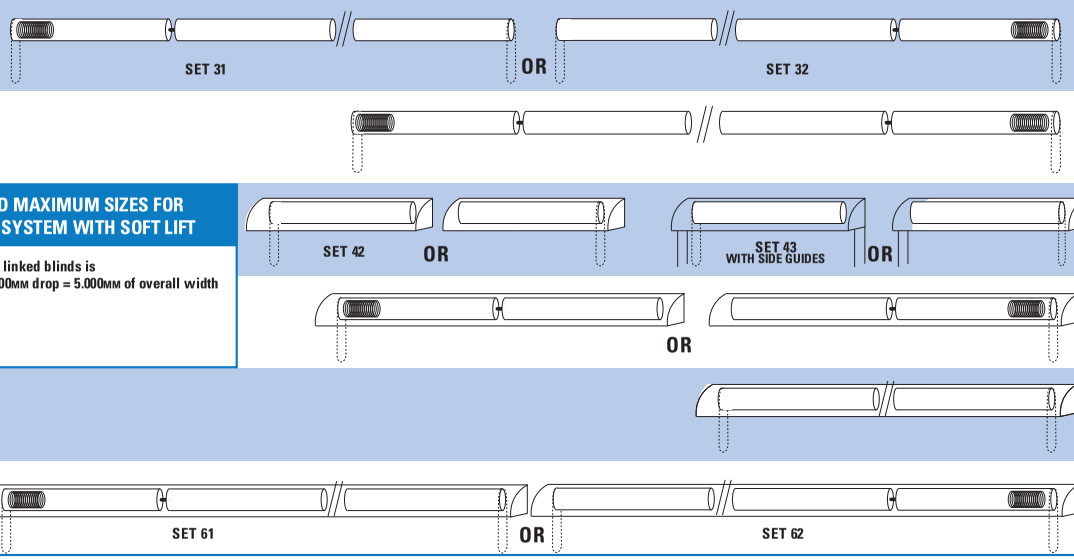
RECOMMENDED MAXIMUM SIZES FOR INLINE JOINER SYSTEM WITH SOFT LIFT

Maximum size for 2 linked blinds is
2.500MM width x 2.500MM drop = 5.000MM of overall width

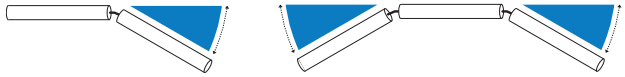
ALL COMBINATIONS AND DIAGRAMS ARE VIEWED AND MEASURED LEFT TO RIGHT



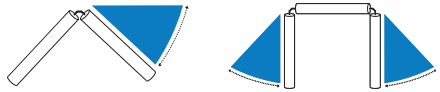
SET 10	SPRING ROLL UP. CANNOT BE Automated. NOT AVAILABLE IN SUNSCREEN.
SET 12	SINGLE CHAIN CONTROL ROLLER. LEFT OR RIGHT CONTROL.
SET 20	2 ROLLERS LINKED TOGETHER WITH INLINE JOINER & SOFT LIFT. LEFT OR RIGHT CONTROL
SET 21	2 ROLLERS WITH INTERMEDIATE AND 2 CONTROLS. ALLOWS FOR INDIVIDUAL CONTROL WITH REDUCED LIGHT GAP.
SETS 31 / 32	3 ROLLERS WITH 1 INLINE JOINER, 1 INTERMEDIATE & 1 SOFT LIFT. 2 CONTROLS. ALLOWS 2 BLINDS TO OPERATE TOGETHER AND 1 INDEPENDENTLY.
SET 35	4 ROLLERS WITH 2 INLINE JOINERS. 2 CONTROLS, 2 SOFT LIFTS. WITH INTERMEDIATE IN CENTRE.
SETS 42 / 43	**SET 42** SINGLE CHAIN CONTROL WITH CASSETTE HEAD BOX. LEFT OR RIGHT CONTROL. **SET 43** AS ABOVE WITH SIDE GUIDES. ELIMINATES ALL LIGHT GAPS.
SET 50	2 ROLLERS LINKED TOGETHER WITH INLINE JOINER & SOFT LIFT IN CASSETTE HEAD BOX. LEFT OR RIGHT CONTROL
SET 51	2 ROLLERS WITH INTERMEDIATE AND 2 CONTROLS IN CASSETTE HEAD BOX. ALLOWS FOR INDIVIDUAL CONTROL WITH REDUCED LIGHT GAP.
SETS 61 / 62	3 ROLLERS WITH 1 INLINE JOINER, 1 INTERMEDIATE & 1 SOFT LIFT IN CASSETTE HEADBOX. 2 CONTROLS. ALLOWS 2 BLINDS TO OPERATE TOGETHER AND 1 INDEPENDENTLY.



UNIVERSAL BRACKET ANGLED OPTIONS - UP TO 45°



UNIVERSAL BRACKET ANGLED OPTIONS - 45° TO 90°



A SPECIALTY SHEET MUST ACCOMPANY ALL ANGLED OPTIONS AND MUST INCLUDE ANGLE DEGREES AND REVEAL DEPTH

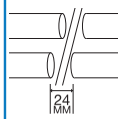
PLEASE NOTE FOR ANGLED OPTIONS AND COMBINATIONS NOT INCLUDED IN THE ABOVE A SPECIALTY SHEET IS REQUIRED.

Automation
ALL SETS CAN BE Automated EXCEPT SET 10.

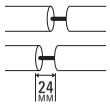
MODELS AND OPTIONS – TWIN ROLLER SETS

LEGEND

SOFT LIFT SPRING ASSIST
Allows heavy fabrics and inline sets to be lifted with ease. Minimum width = 800mm



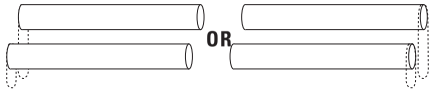
INTERMEDIATE BRACKET
Replaces 2 brackets with 1, reducing the light gap & allows 2 sets of blinds to operate independently.



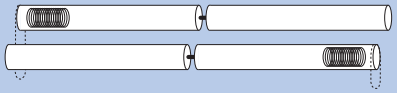
INLINE JOINER BRACKET
Allows 2 sets of blinds to operate together with 1 control. Reduces light gap.

ALL COMBINATIONS AND DIAGRAMS ARE VIEWED AND MEASURED LEFT TO RIGHT BACK BLIND FIRST

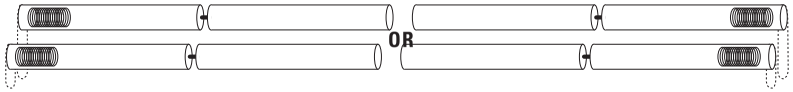
SET 70
TWIN ROLLER WITH CONTROLS AT OPPOSITE ENDS. BACK BLIND IS LEFT CONTROL FRONT BLIND IS RIGHT CONTROL. STANDARD / SLIMLINE BRACKET.



SET 71
TWIN ROLLER WITH CONTROLS AT THE SAME END LEFT OR RIGHT CONTROL. SQUARE BRACKET.



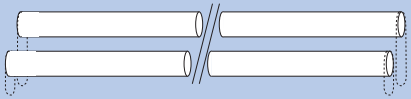
SET 80
2 TWIN ROLLERS LINKED TOGETHER WITH INLINE JOINER. CONTROLS AT OPPOSITE ENDS WITH SOFT LIFT. STANDARD / SLIMLINE BRACKET.



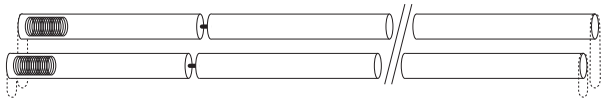
SET 81
2 TWIN ROLLERS LINKED TOGETHER WITH INLINE JOINER, CONTROLS AT THE SAME END WITH SOFT LIFT. LEFT OR RIGHT CONTROL. SQUARE BRACKET.

RECOMMENDED MAXIMUM SIZES FOR INLINE JOINER SYSTEM WITH SOFT LIFT

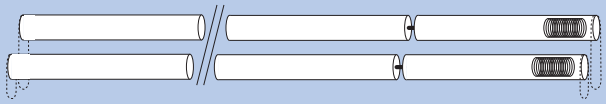
Maximum size for 2 linked blinds is
2.500mm width x 2.500mm drop = 5.000mm of overall width



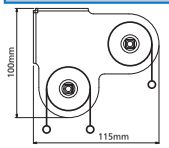
SET 82
2 TWIN ROLLERS WITH INTERMEDIATE BRACKET, 2 CONTROLS AT EACH END AND REDUCED LIGHT GAP. SQUARE BRACKET.



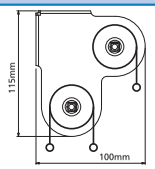
SET 92
3 TWIN ROLLERS WITH 1 INLINE JOINER AND 1 INTERMEDIATE. 2 SOFT LIFTS, 2 CONTROLS AT EACH END. ALLOWS 2 SETS OF BLINDS TO OPERATE TOGETHER AND 1 INDEPENDENTLY. SQUARE BRACKET.



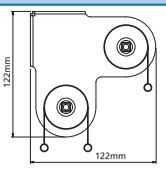
SET 93
3 TWIN ROLLERS WITH 1 INLINE JOINER AND 1 INTERMEDIATE. 2 SOFT LIFTS. 2 CONTROLS AT EACH END. ALLOWS 2 SETS OF BLINDS TO OPERATE TOGETHER AND 1 INDEPENDENTLY. SQUARE BRACKET.



STANDARD BRACKET
Controls at opposite ends
Back blind is left control,
Front blind is right control.



SLIMLINE BRACKET
Controls at opposite ends
Back blind is left control,
Front blind is right control.
(Same bracket as standard but reversed.)



SQUARE BRACKET
Controls at same end.
Both left or right control.

PLEASE NOTE FOR ANGLED OPTIONS AND COMBINATIONS NOT INCLUDED IN THE ABOVE A SPECIALTY SHEET IS REQUIRED.

Automation
ALL SETS CAN BE Automated EXCEPT SET 10.

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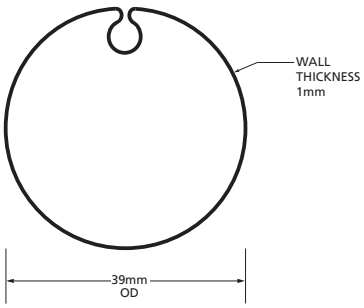
CONSTRUCTION AND SPECIFICATION

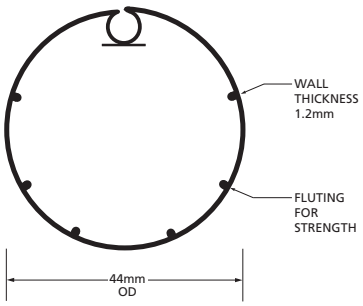
Roller tube

Constructed from extruded aluminium. Available in three options (Determinded by blind size).

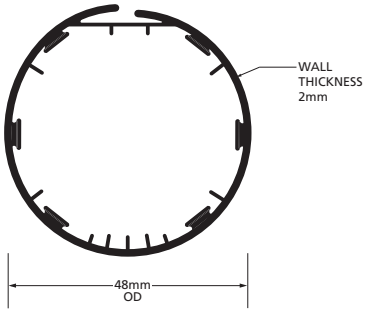
38mm roller tube



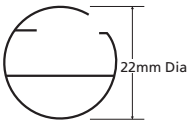
43mm roller tube



43mm HD roller tube

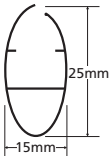


Bottom rails round



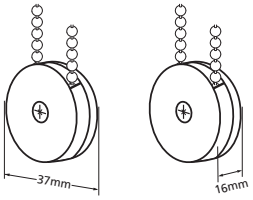
(WHITE, BLACK, IVORY, SILVER ANODISED, & PEARL BRONZE)

Elliptical



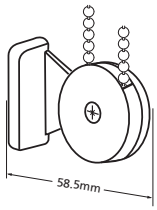
(WHITE, BLACK, IVORY, SILVER ANODISED & PEARL BRONZE)

Chain tensioners reveal or inside fit



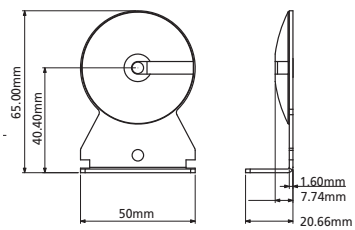
White, Ivory, Black, Grey

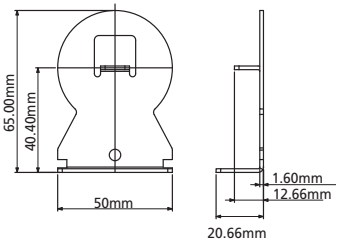
Outside or face fit

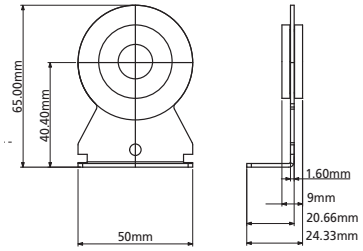


Brackets (WHITE, BLACK, IVORY & GREY)

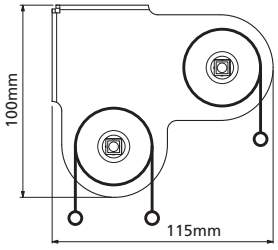
Single roller brackets



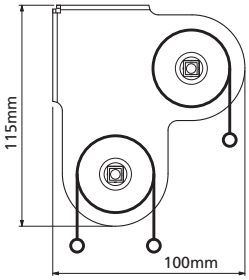




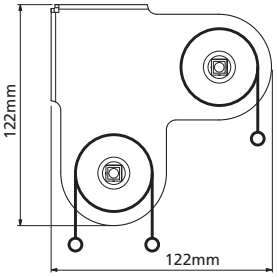
Twin roller brackets



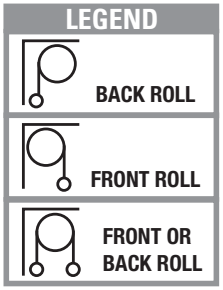
Standard bracket
Controls at opposite ends
Back blind is left control,
Front blind is right control.



Slimline bracket
Controls at opposite ends Back blind is left control, Front blind is right control. (Same bracket as standard but reversed.)



Square bracket
Controls at same end.
Both left or right control.

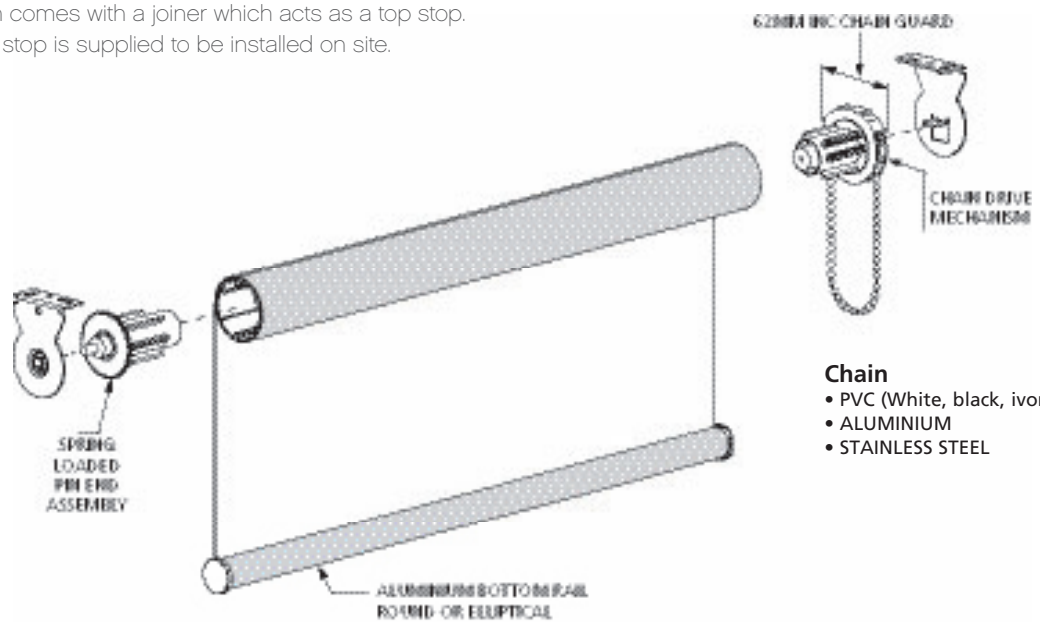


CONSTRUCTION AND SPECIFICATION

Chain drive mechanism (white, ivory, black, grey)

The chain drive mechanism is a means of raising and lowering the blind while also serving as a breaking devise to hold the blind in any position.

The chain comes with a joiner which acts as a top stop. A bottom stop is supplied to be installed on site.

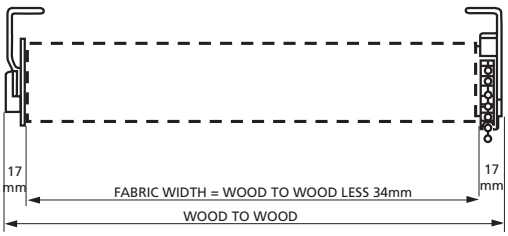


Chain
- PVC (White, black, ivory & grey)
- ALUMINIUM
- STAINLESS STEEL

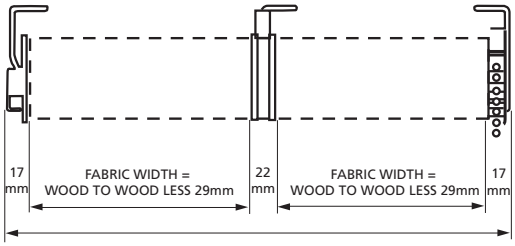
Light gaps

The light gap is the measurement between the fabric and the window frame.

STARDARD CHAIN CONTROL

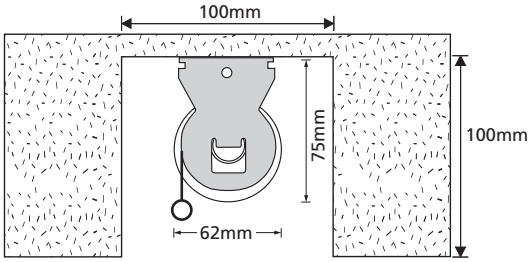


Chain Control (SET 20)
Two Blinds With One Inline Joiner Bracket. One Control



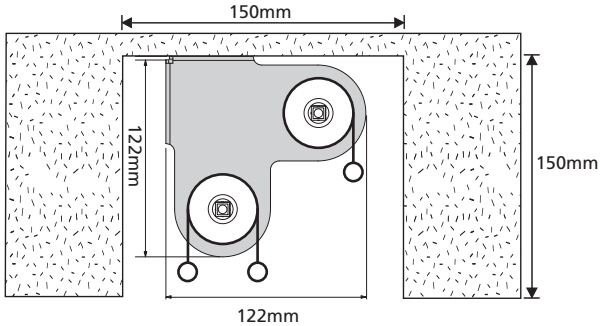
Recessed head detail

Single roller 100mm x 100mm



Recessed head detail

Twin Roller 150mm x 150mm



Luxaflex® WINDOW FASHIONS

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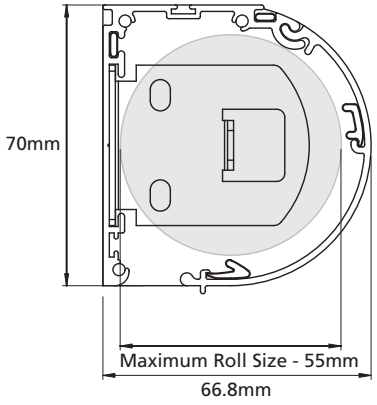
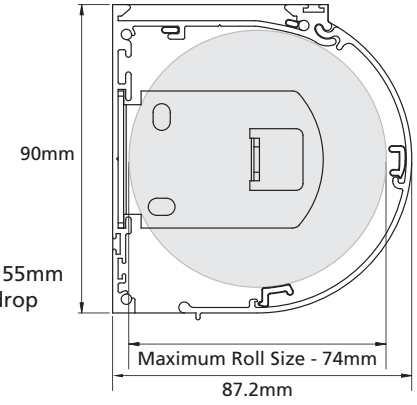
CONSTRUCTION AND SPECIFICATION

Cassette headbox with side guides



BOX 70

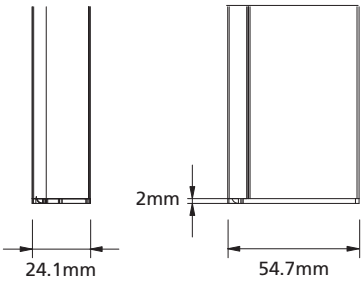
Maximum roll size - 55mm
Sunscreen 1500mm drop
Extraflocke 1000mm



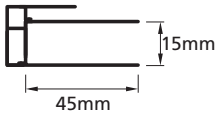
BOX 90

Maximum roll size - 74mm
Sunscreen 3500mm drop
Extraflocke 3000mm drop

BOX 70 & 90
Side channel & bottom cap



Side channel plan view



CONSTRUCTION AND SPECIFICATION

Heat protection

In warm climates like that of most of New Zealand, the need for heat protection is a key consideration in the comfort of the building occupants and the cost of cooling the building with air conditioning.

Sunscreens transmit as little as 7% of heat, depending on colour and weave. Lighter colours and less open fabrics reflect more heat than darker colours in more open weaves. Sunscreens provide the greatest heat protection when fitted externally, as they stop most of the sun's rays before they reach the glass.

UV protection

The need for UV protection for people is well known. UV radiation also damages furnishings – unprotected carpets near windows can fade within months.

Sunscreens filter UV radiation, reflecting up to 94% of the UV radiation that is transmitted through the window.

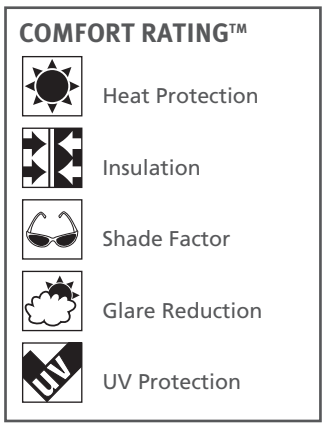
COMFORT RATING

The COMFORT RATING™

The COMFORT RATING™ has been developed by Hunter Douglas Limited with assistance from Cansesis Pty Ltd, an independent Australian Fibre and Textile Research and Development Company and is designed to assist you with selecting the right window covering in every situation.

The COMFORT RATING™ assesses five important contributors to interior environment comfort:

Each interior product that has been tested is given a rating ranging from 1 to 5 for each of these factors. To use the COMFORT RATING™, simply choose the factors that are most important in your application and look for the products with the highest scores. The COMFORT RATINGS™ are printed on the fabric specification sheets, and on the website. Actual solar optical properties test results are also available.



sunscreen fabric comfort rating guide

La Vista (White)	◆◆◆◆◇	◆◆◆	◆◆	◆◆◆	◆◆◆◆
Landscape (Oyster)	◆◆◆◆	◆◆◆	◆◆	◆◆◆	◆◆◆◇
Extraview (Linen White)	◆◆◆◇	◆◆◆	◆◆	◆◆◆	◆◆◆◇
Silverscreen (White)	◆◆◆◆◆	◆◆◆◆◆	◆◆	◆◆◆◆	◆◆◆◆

◆ No protection/performance
◆◆ Low level of protection/performance
◆◆◆ Medium level of protection/performance
◆◆◆◆ High level of protection/performance
◆◆◆◆◆ Highest level of protection/performance

SOLAR OPTICAL PROPERTIES

HEAT PROPERTIES (TS, RS, AS)

Heat Transmittance (Ts)

This is a measure of the percentage of solar energy (heat) transmitted through the blind material. A lower Ts value indicates less heat is transmitted through the blind, and into the room.

*	**	***	****	*****

Highest Heat Transmittance — Lowest Heat Transmittance

Heat Reflectance (Rs)

This is a measure of the percentage of solar energy (heat) which is reflected by the blind material. A higher Rs value indicates the blind is better able to reflect heat back towards the outside environment.

*	**	***	****	*****

Lowest Heat Reflectance — Highest Heat Reflectance

Heat Absorptance (As)

This is a measure of the percentage of the solar energy (heat) absorbed by the blind material. A higher As value indicates the blind material absorbs more heat.

*	**	***	****	*****

Highest Heat Absorptance — Lowest Heat Absorptance

LIGHT PROPERTIES (TL, RL, AL)

Light Transmittance (Tl)

This is a measure of the percentage of solar light transmitted through the blind material. A lower Tl value indicates less light is transmitted through the blind, and into the room.

*	**	***	****	*****

Highest Light Transmittance — Lowest Light Transmittance

Light Reflectance (Rl)

This is a measure of the percentage of light which is reflected by the blind material. A higher Rl value indicates more light is reflected back towards the outside environment.

*	**	***	****	*****

Lowest Light Reflectance — Highest Light Reflectance

Light Absorptance (Al)

This is a measure of the percentage of light that is absorbed by the blind material. A higher Al value indicates more light is absorbed by the blind material.

*	**	***	****	*****

Highest Light Absorptance — Lowest Light Absorptance

UV PROTECTION (TUV)

UV Transmittance (Tuv)

This is a measure of the percentage of UV which is transmitted through the blind material. Tuv% gives the amount of UV which is transmitted through the blind. The lower the percentage, the better the blind is at blocking UV. A result of 0% Tuv indicates that no measurable amount of UV radiation is transmitted.

*	**	***	****	*****

Lowest UV Protection — Highest UV Protection

HEAT PROTECTION (SC)

Shading Coefficient (SC)

This is the ratio of solar heat transmitted through the blind and glass into a room, compared to that of the glass alone.
The lower the Shading Coefficient, the better the blind is at preventing heat gain in a room.

*	**	***	****	*****

Highest Heat Gain (High SC) — Lowest Heat Gain (Low SC)

INSULATION (R)

R - Value

R value is a measure of heat loss of the blind/window combination. The higher the value, the more the insulation the product provides.

*	**	***	****	*****

Poor Insulator — Good Insulator

The COMFORT RATING™

Heat Protection

◆◆◆◆◆	Highest level of heat protection.
◆◆◆◆	High level of heat protection.
◆◆◆	Medium level of heat protection.
◆◆	Low level of heat protection.
◆	No level of heat protection.

Heat protection refers to the ability of the material to keep heat away.

Insulation

◆◆◆◆◆	Highest level of insulation.
◆◆◆◆	High level of insulation.
◆◆◆	Medium level of insulation.
◆◆	Low level of insulation.
◆	No level of insulation.

A high insulation rating is recommended where insulation is important for the comfort of the occupants and to reduce heating or cooling costs.

Shade Factor

◆◆◆◆◆	Highest Level of shading. Blocks out 100% of visible light.
◆◆◆◆	High level of shading.
◆◆◆	Medium level of shading.
◆◆	Low level of shading.
◆	No shading.

Shade factor is defined as the level of shade that the blind provides in blocking out direct sunlight.

Glare Reduction

◆◆◆◆◆	Highest Level of glare reduction.
◆◆◆◆	High level of glare reduction.
◆◆◆	Medium level of glare reduction.
◆◆	Low level of glare reduction.
◆	No level of insulation.

Glare reduction is defined as the reduction in the level of glare to provide optimum eye comfort.

UV Protection

◆◆◆◆◆	Highest Level of UV protection.
◆◆◆◆	High level of UV protection.
◆◆◆	Medium level of UV protection.
◆◆	Low level of UV protection.
◆	No UV protection.

Luxaflex® WINDOW FASHIONS

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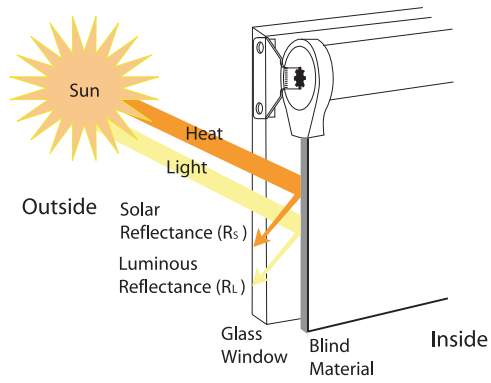
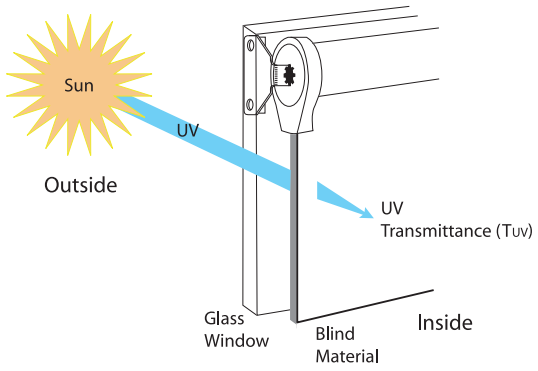
SOLAR OPTICAL PROPERTIES

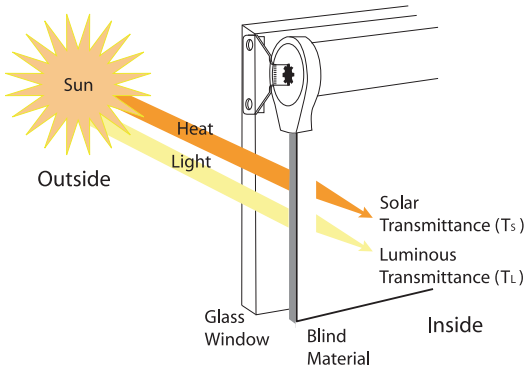
Heat (Solar) Reflectance (Rs)
Light (Luminous) Reflectance (RL)



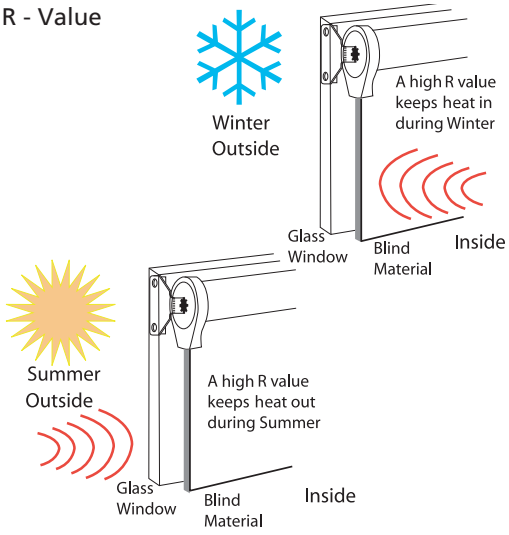
UV Transmittance (Tuv)



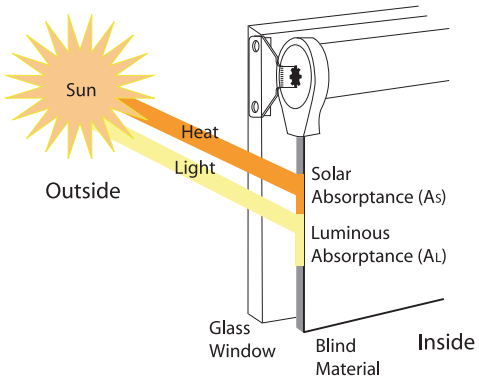
Heat (Solar) Transmittance (Ts)
Light (Luminous) Transmittance (TL)



R - Value



Heat (Solar) Absorptance (As)
Light (Luminous) Absorptance (AL)



In addition to the COMFORT RATING™, Solar Optical results determined as part of the Australian Standard ASTM E424-1971 have been tabulated as part of the Technical Data Sheets for each fabric.

The Solar Optical Properties include the following results:

- Solar Properties (Heat)
- Luminous Properties (Light)
- Shading Coefficient
- R Value

SPECIFICATIONS

FABRIC SELECTION GUIDE

Use the chart below to select the right Luxaflex® Sunscreen fabric with the features you require in your home.

FEATURES	GOOD	BETTER	BETTER	BEST
Fabric	**La Vista**	**Landscape**	**Extraview**	**Silverscreen**
Fire retardant	Yes	Yes	Yes	Yes
Basket weave	2 x 2	2 x 2	1 x 2	2 x 2
Oeko Tex certified	No	No	No	Yes
PVC coated fibreglass	No	Yes	Yes	Yes
PVC coated polyester	Yes	No	No	No
Colour range	9	18	20	10
Fabric width	3000mm	2500mm*	2500mm	2400mm
Applications	Rollershade, Panel Glide, Romans	Rollershade, Panel Glide, Romans	Rollershade, Panel Glide, Romans	Rollershade, Panel Glide

* Selected colours available in 3000mm widths.

COMFORT RATING

The comfort rating is designed to assist you in choosing the right window covering for each situation. Hunter Douglas Limited has developed the comfort rating with assistance from Canesis Pty Ltd an independent Australian Fibre and Textile Research and Development Company.

Sunscreen fabric comfort rating guide					
La Vista (White)	◆◆◆◆◇	◆◆◆	◆◆	◆◆◆	◆◆◆◆
Landscape (Oyster)	◆◆◆◆	◆◆◆	◆◆	◆◆◆	◆◆◆◇
Extraview (Linen White)	◆◆◆◇	◆◆◆	◆◆	◆◆◆	◆◆◆◇
Silverscreen (White)	◆◆◆◆◆	◆◆◆◆◆	◆◆	◆◆◆◆	◆◆◆◆

Heat protection: refers to the ability of material to keep heat away.

Insulation: a high insulation rating is recommended where insulation is important for the comfort of the occupants and to reduce costs.

Shade factor: is defined as the level of shade that the blind provides in blocking out the direct sunlight.

Glare reduction: is defined as the reduction in the level of glare to provide optimum eye comfort.

UV protection: UV protection is defined as the level of UV light that is blocked out by the material.

◆ No protection/performance
◆◆ Low level of protection/performance
◆◆◆ Medium level of protection/performance
◆◆◆◆ High level of protection/performance
◆◆◆◆◆ Highest level of protection/performance

FABRIC FEATURES AND BENEFITS

You can benefit from special ranges of Luxaflex® fabrics.

Sanitized® fabric treatment inhibits the growth of bacteria, fungi, dust mites and odour, welcome news for those with respiratory issues.

Fire Retardant gives you extra peace of mind, it has been carefully formulated so it does not affect the texture and feel of the fabric.

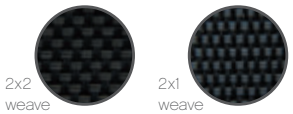
Duraguard® exclusively developed for the rigours that blinds have to face. The fabric will repel most staining agents. It is much easier to clean and keeps its pristine look for longer.

Oeko Tex certified is a testing certification to ensure products meet the requirements for the exclusion of harmful substances.

Teflon® fabric protector provides long lasting protection against oil and water based stains, as well as dust and dry soil. The fabric is easier to take care of but does not affect the colour, breathability or texture of the fabric.

BASKET WEAVE CONSTRUCTION

The vertical (warp) and horizontal (weft) threads are woven together into a consistent basket weave configuration. This produces greater levels of transparency while maintaining the UV resistance applicable to a 5% openness Sunscreen. The 2x2 basket weave construction also provides greater stability in the fabric as there are two vertical and two horizontal threads intersecting each other, the vertical threads bear the hanging weight whereas the horizontal threads help keep the fabric flat in the vertical plane.



Luxaflex® Sunscreen fabrics are manufactured to withstand Australasian conditions.

Luxaflex® WINDOW FASHIONS

www.luxaflex.co.nz

FABRIC

ATMOSPHERE

COMFORT RATING™#					
Colour					
Midnight Storm	◆◆◆◆◊	◆◆	blockout	◆◆◆◆◆	◆◆◆◆

Composition
100% Polyester blockout fabric
420gsm ffl 30gsm

Applications
Roller Blinds
Roman Blinds
and Panel Glides

Weight
[AS 2001.2.15-1987]
Reed: 295gsm
Plantation: 335gsm
Bamboo: 270gsm

Available Roll Sizes
2.8m x 20m

Fabric Thickness
0.52mm ffl 0.10mm

Cutting Technique
Ultrasonic, Aeronaut, Knife Cut

Care & Cleaning
General Care: Atmosphere Fabric has an easy clean soft foam backing, dusting with a feather duster is all that is required to keep your fabric looking good.
Stains: For the removal of dirt and grime, simply wipe 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.

Colourfastness
6-7 Blue Scale. All colours meet the Australian Standards for colour fastness to resist fading.

Privacy Factor
Light Filtering low-mid

Stiffness
[AS 2001.2.9-1977] 44 ffl 10mm
Multivision®
Fabric Collection
Multivision® Fabric Collection, is a group of fabrics that are perceived to be the same colour tone, but have different opacities.
Oeko-Tex Certified
This fabric meets the certification requirements set by Oeko-Tex for the exclusion of harmful substances.

Fire Retardant*
[AS 1530.3.1999]

Complies with the General Requirements of the Building Code of Australia for Fire Hazard properties of materials in buildings. Not suitable for use in fire isolated exits of buildings.

in a public assembly building (e.g. theatre or hall) not protected with a sprinkler system.

Ignitability Index [Range 0-20]	0
Spread of Flame Index [Range 0-10]	0
Heat Evolved Index [Range 0-10]	0
Smoke Developed Index [Range 0-10]	5

Sanitized® DURAGUARD® AUSTRALIAN MADE MultiVision® Fabric Collection

LOU LOU

COMFORT RATING™					
Colour					
Black/Grey	◆◆◊	◆◆◆	◆◆◆	◆◆	◆◆◆
Brown/Bronze	◆◆◊	◆◆◆	◆◆◆	◆◆	◆◆◆◊
Cockatoo/Taupe	◆◆◆◊	◆	◆◆	◆◆	◆
Latte/Natural	◆◆◆	◆◆	◆◆	◆◆	◆◆

Composition
100% polyester fabric

Applications
Roller Blinds
Roman Blinds
and Panel Glides

Weight
210gsm ffl 10gsm

Available Roll Sizes
2.0m x 40m

Fabric Thickness
0.41mm

Cutting Technique
Ultrasonic, Knife Cut

Care & Cleaning
General Care: Dusting with a feather duster is all that is required to keep your fabric looking good.
Stains: For the removal of dirt and grime, simply wipe 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.

Colourfastness
6-7 Blue Scale
Multivision®

Fabric Collection
Multivision® Fabric Collection, is a group of fabrics that are perceived to be the same colour tone, but have different opacities. A number of Lou Lou Fabric colours have been selected for the Multivision® Fabric Collection.
Oeko-Tex Certified
This fabric meets the certification requirements set by Oeko-Tex for the exclusion of harmful substances.
Australian Made
Fabric Features

Sanitized® DURAGUARD®
MultiVision® Fabric Collection

Fire Retardant*
[AS 1530.3.1999]
Complies with the General Requirements of the Building Code of Australia for Fire Hazard properties of materials in buildings. Not suitable for use in parts of buildings with Special Requirements, i.e. fire isolated exits; public corridors leading to a fire isolated stairway, passageway or ramp; a patient care area of health care buildings; and in public assembly buildings (e.g. theatre or hall) not protected with a sprinkler system.

Ignitability Index [Range 0-10]	7
Spread of Flame Index [Range 0-10]	9
Heat Evolved Index [Range 0-10]	3
Smoke Developed Index [Range 0-10]	7

PLAZA®

COMFORT RATING™# / Colour						Solar Optical Properties (ASTM E424-1971)								
						Ts	Rs	As	Tl	Rl	Al	Tuv	SC	R1
White	◆◆◆◆◆	◆◆	◆◆◆◆◆	Blockout	◆◆◆◆◆	0	73	27	0	64	36	0	0.24	1.365
Vanilla	◆◆◆◆◆	◆◆	◆◆◆◆◆	Blockout	◆◆◆◆◆	0	70	30	0	57	43	0	0.26	1.365
Alpine Haze	◆◆◆◆	◆◆	◆◆◆◆◆	Blockout	◆◆◆◆◆	0	47	53	0	42	58	0	0.43	1.365
Royal	◆◆◆	◆◆	◆◆◆◆◆	Blockout	◆◆◆◆◆	0	18	82	0	10	90	0	0.63	1.365
Ebony	◆◆◆	◆◆	◆◆◆◆◆	Blockout	◆◆◆◆◆	0	7	93	0	7	93	0	0.70	1.365

Composition
Plain woven,
100% polyester fabric

Applications
Roller Blinds
Vertical Blinds
Panel Glides

Weight
Mass: 375gsm ffl 20 [finished weight]

Available roll sizes
2400mm, 2800mm available in selected colours

Privacy factor
Room darkening - complete privacy

Colourfastness
(AS 2001.4.21)
6-7 Blue Scale

Breaking strength
Warp =>1500N
[Base Cloth]
Weft =>1300N
[Base Cloth]

Tear resistance
Warp =>70N [Base Cloth]
Weft =>94N [Base Cloth]

Australian made

Fabric features

Sanitized® THE BUILT-IN ANTIMICROBIAL PROTECTION

Colour range
26 colours

Fire Retardant*
[AS 1530.3.1999]
Complies with the General Requirements of the Building Code of Australia for Fire Hazard properties of materials in buildings. Not suitable for use in parts of buildings with Special Requirements, i.e. fire isolated exits; public corridors leading to a fire isolated stairway, passageway or ramp; a patient care area of health care buildings; and in public assembly building (e.g. theatre or hall) not protected with a sprinkler system.

Ignitability Index [Range 0-20]	0
Spread of Flame Index [Range 0-10]	0
Heat Evolved Index [Range 0-10]	0
Smoke Developed Index [Range 0-10]	5

EMBOSSE

COMFORT RATING™# / Colour					
Lineage: Blue	◆◆◆◊	◆◆◆	◆◆◆◆	◆◆	◆◆◆◆◊
Lineage: Espresso	◆◆◆◊	◆◆◆	◆◆◆	◆◆	◆◆◆
Lineage: White	◆◆◆◆◊	◆	◆◆	◆◆	◆
Revolve: Blue	◆◆◆◊	◆◆◆	◆◆◆◆	◆◆	◆◆◆◆◊
Revolve: Cockatoo	◆◆◆◆◊	◆	◆◆	◆◆	◆
Revolve: Espresso	◆◆◆	◆◆◆	◆◆◆◆	◆◆	◆◆◆◆◊
Revolve: Natural	◆◆◆	◆◆	◆◆	◆◆	◆◆

Colourfastness
6-7 Blue Scale

Multivision®
Fabric Collection
Multivision® Fabric Collection, is a group of fabrics that are perceived to be the same colour tone, but have different opacities.

A number of Embosse Fabric colours have been selected for the Multivision® Fabric Collection.

Oeko-Tex Certified
This fabric meets the certification requirements set by Oeko-Tex for the exclusion of harmful substances.

Composition
100% polyester fabric

Applications
Roller Blinds
Roman Blinds
and Panel Glides

Weight
210gsm ffl 10gsm

Available Roll Sizes
2.0m x 40m

Fabric Thickness
0.51mm

Cutting Technique
Ultrasonic, Knife Cut

Care & Cleaning
General Care: Dusting with a feather duster is all that is required to keep your fabric looking good.
Stains: For the removal of dirt and grime, simply wipe 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.

Australian Made

Fabric Features

Fire Retardant*
[AS 1530.3.1999]
Complies with the General Requirements of the Building Code of Australia for Fire Hazard properties of materials in buildings. Not suitable for use in parts of buildings with Special Requirements, i.e. fire isolated exits; public corridors leading to a fire isolated stairway, passageway or ramp; a patient care area of health care buildings; and in public assembly buildings (e.g. theatre or hall) not protected with a sprinkler system.

Ignitability Index [Range 0-10]	5
Spread of Flame Index [Range 0-10]	9
Heat Evolved Index [Range 0-10]	3
Smoke Developed Index [Range 0-10]	7

MultiVision® Fabric Collection

Luxaflex® WINDOW FASHIONS

www.luxaflex.co.nz

FABRIC

MARRAKECH

COMFORT RATING™#					
Colour					
Broze/Brown - Sheer	◆◆◆	◆◆◆	◆◆◆	◆◆	◆
Gold/Créme - Sheer	◆◆◆◆◇	◆◆	◆◆	◆◆	◆
Silver/Grey - Sheer	◆◆◆	◆◆	◆◆	◆◆	◆
White/Créme - Sheer	◆◆◆◆◇	◆	◆◆	◆◆	◆
Broze/Brown - Blockout	◆◆◇	◆◆◆◆◆	◆◆◆◆◆	◆◆	◆◆◆◆◆
Gold/Créme - Blockout	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆	◆◆◆◆◆
Silver/Grey - Blockout	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆	◆◆◆◆◆
White/Créme - Blockout	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆	◆◆◆

Composition
100% polyester fabric
Applications
Roller Blinds
Roman Blinds
and Panel Glides
Weight
160gsm ffl 10gsm - Shee
250gsm ffl 10gsm -
Blockout
Available Roll Sizes
2.4m x 40m - Sheer
2.4m x 30m - Blockout

Fabric Thickness
0.44mm - Sheer
0.46mm - Blockout
Cutting Technique
Ultrasonic
Care & Cleaning
General Care: Dusting with a feather duster is all that is required to keep your fabric looking good.
Stains: For the removal of dirt and grime, simply wipe 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.
Colourfastness
6-7 Blue Scale
Multivision®
Fabric Collection
Multivision® Fabric Collection, is a group of fabrics that are perceived to be the same colour tone, but have different opacities. A number of Embosse Fabric colours have been selected for the MULTIVISION® Fabric Collection.
Oeko-Tex Certified
This fabric meets the certification requirements set by Oeko-Tex for the exclusion of harmful substances.

Australian Made
Fabric Features
Fire Retardant*
[AS 1530.3.1999]
Complies with the General Requirements of the Building Code of Australia for Fire Hazard properties of materials in buildings. Not suitable for use in parts of buildings with Special Requirements, i.e. fire isolated exits; public corridors leading to a fire isolated stairway, passageway or ramp; a patient care area of health care buildings; and in public assembly buildings (e.g. theatre or hall) not protected with a sprinkler system.

Ignitability Index - Sheer	0
Ignitability Index - Blockout	12
[Range 0-10]	
Spread of Flame Index - Sheer	0
Spread of Flame Index - Blockout	9
[Range 0-10]	
Heat Evolved Index - Sheer	0
Heat Evolved Index - Blockout	3
[Range 0-10]	
Smoke Developed Index - Sheer	0-1
Smoke Developed Index - Blockout	6
[Range 0-10]	

MultiVision® Fabric Collection

FABRIC

Mist

Composition
100% Polyester Trevira CS

Weight
205gsm

Roll Weight
Rollershade (25m) = 10kg

Colourfastness (AS 2001.4.21)
6-7 Blue Scale

Available Roll Sizes
1.950mm

Stiffness (AS 2001.2.9-1977)
70mm ± 5mm

Applications
Suitable for Rollershades and Roman Blinds

Privacy Factor
Light filtering low-mid

Cutting Technique
Aeronaut, Knife cut

Tear Resistance (AS 2001.2.10)
Warp > 40N
Weft > 40N

Breaking Strength (AS 2001.2.3-1988)
Warp > 800N
Weft > 700N

Fabric Thickness
[AS 2001.2.15-1989] 0.4

Care & Cleaning
General Care - dusting with a feather duster is all that is required to keep your fabric looking good

DURAGUARD Fabric Protector
Resists most stains

Fire Retardant (AS 1530.3.1999)

Complies with the General Requirements of the Building Code of Australia for Fire Hazard Properties of materials in buildings	Ignitability Index	0 (Range 0-20)
	Spread of Flame Index	0 (Range 0-10)
	Heat Evolved Index	0 (Range 0-10)
	Smoke Developed Index	0-1 (Range 0-10)

Stains - for the removal of dirt and grime, simply wipe fabric skins with a sponge soaked in lukewarm water. If marks are still visible adda little detergent, then dry gently with soft cloth

Applications
Roller Blinds
Panel Gllides

Country of origin
Netherlands

COMFORT RATING©

COLOUR	HEAT PROTECTION	INSULATION	SHADE FACTOR	GLARE REDUCTION	UV PROTECTION
COCKATOO	♦♦♦♦	♦♦	♦	♦♦	♦
TOAST	♦♦♦♦	♦♦	♦♦	♦♦	♦
WHITE	♦♦♦♦	♦♦	♦	♦♦	♦

COMFORT RATING© GUIDE

COMFORT RATING© has been developed by Hunter Douglas Ltd with assistance from Genesis Pty Ltd, an independent Australian Fibre and Textile Research & Development Company

♦♦♦♦♦ Highest level of heat protection, insulation, shading, glare reduction or UV protection
♦♦♦♦ High level of heat protection, insulation, shading, glare reduction or UV protection
♦♦♦ Medium level of heat protection, insulation, shading, glare reduction or UV protection
♦♦ Low level of heat protection, insulation, shading, glare reduction or UV protection
♦ No heat protection, insulation, shading, glare reduction or UV protection

Luxaflex® WINDOW FASHIONS

www.luxaflex.co.nz

FABRIC

LANDSCAPE Sunscreen Fabric

COMFORT RATING™ / Colour						Solar Optical Properties (ASTM E424-1971)								
						Ts	Rs	As	Tl	Rl	Al	Tuv	SC	R1
Oyster	◆◆◆◆	◆◆	◆◆◆	◆◆◆	◆◆◆◆	22	55	23	16	39	45	7	0.43	1.365
Cameo	◆◆◆◆	◆◆	◆◆◆	◆◆◆	◆◆◆◆	20	51	29	14	35	51	7	0.45	1.365
Anthracite	◆◆◂	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	8	3	89	9	3	88	7	0.75	1.365
Stone	◆◆◆◂	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	12	30	58	10	23	67	7	0.57	1.365
Driftwood	◆◆◆◂	◆◆	◆◆◆	◆◆◆◆	◆◆◆◆	14	38	48	11	28	61	7	0.53	1.365
Ghost	◆◆◆◂	◆◆	◆◆◆	◆◆◆◆	◆◆◆◆	16	43	41	13	34	53	7	0.50	1.365
Tapioca	◆◆◆◆◂	◆◆	◆◆◆	◆◆◆	◆◆◆◆	25	60	15	19	46	35	7	0.40	1.365
Gunmetal	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	8	8	84	9	6	85	8	0.72	1.365
Senegal	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	9	6	85	9	3	88	8	0.73	1.365
Caramel	◆◆◆◆	◆◆	◆◆◆	◆◆◆	◆◆◆◆	18	48	34	13	32	55	8	0.47	1.365
Denim	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	10	20	70	9	12	79	8	0.64	1.365
Buttermilk	◆◆◆◆◂	◆◆	◆◆◆	◆◆◆	◆◆◆◆	23	57	20	17	40	43	8	0.42	1.365
Sandstone	◆◆◆◆	◆◆	◆◆◆	◆◆◆◆	◆◆◆◆	18	49	33	13	30	57	8	0.46	1.365
Steel	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	9	13	78	10	11	79	8	0.69	1.365
Marigold	◆◆◆◆	◆◆	◆◆◆	◆◆◆	◆◆◆◆	21	56	23	15	36	49	8	0.42	1.365
Biscuit	◆◆◆◆	◆◆	◆◆◆	◆◆◆◆	◆◆◆◆	16	45	39	12	29	59	8	0.48	1.365
Italia	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	9	15	76	9	7	84	8	0.67	1.365
Chamois	◆◆◆◆◂	◆◆	◆◆◆	◆◆◆	◆◆◆◆	23	59	18	17	41	42	7	0.40	1.365
Eggshell	◆◆◆◆◆	◆◆	◆◆◆	◆◆◆	◆◆◆◆	23	61	16	17	43	40	7	0.39	1.365
Chocolate	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	8	10	82	8	5	87	7	0.70	1.365
Cashmere	◆◆◆◆	◆◆	◆◆◆	◆◆◆	◆◆◆◆	19	51	30	14	36	50	7	0.45	1.365

Composition
Polymer coated glass fibre [2 warp x 2 weft weave]

Applications

Rollershades 

Roman Blinds 

Panel Glide 

Weight
410gsm ffl 10

Thickness
0.43mm

Available roll sizes
2.500mm (All colours)
3.000mm (Selected colours)
Anthracite / Eggshell / Ghost / Gunmetal / Oyster / Senegal / Tapioca

Openness factor
6% average (dependent on colour)

Colourfastness
(AS 2001.4.21) 6-7 Blue Scale

Stiffness
(AS 2001.2.9-1977) 48mm

Breaking strength
Warp 1000N +/-200N [Base Cloth]
Weft 1000N +/-200N [Base Cloth]

Elongation at break
Warp 5.8 %
Weft 6.0 %

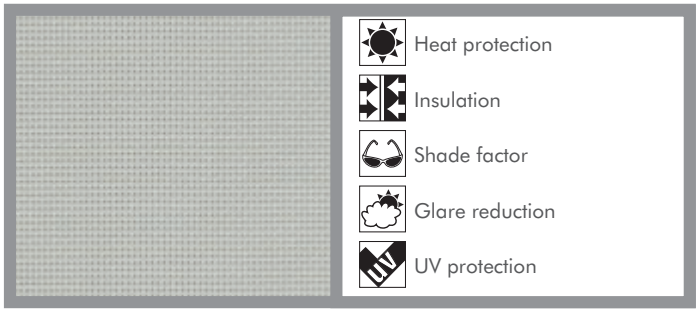
Tear resistance
Warp 100N +/-10N [Base Cloth]
Weft 100N +/-10N [Base Cloth]

Country of origin
Australia

Fire Retardant*
[AS 1530.3.1999]
Complies with the General Requirements of the Building Code of Australia for Fire Hazard properties of materials in buildings. Not suitable for use in parts of buildings with Special Requirements, i.e. fire isolated exits; public corridors leading to a fire isolated stairway, passageway or ramp; a patient care area of health care buildings; and in a public assembly building (e.g. theatre or hall) not protected with a sprinkler system.

Ignitability Index [Range 0-20]	0
Spread of Flame Index [Range 0-10]	0
Heat Evolved Index [Range 0-10]	0
Smoke Developed Index [Range 0-10]	5

Comfort Rating™



FABRIC

EXTRAVIEW® Plus Sunscreen Fabric

COMFORT RATING™# / Colour						Solar Optical Properties (ASTM E424-1971)								
						Ts	Rs	As	Tl	Rl	Al	Tuv	SC	R
Linen White	◆◆◆◆	◗◆	◆◆◆	◆◆◆	◆◆◆◆	21	54	25	15	41	44	6	0.43	1.365
Linen	◆◆◆◆	◆◆	◆◆◆	◆◆◆	◆◆◆◆	20	51	29	13	36	51	6	0.45	1.365
Midnight	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	7	3	90	7	3	90	6	0.75	1.365
Pearl	◆◆◆◆	◗◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	10	30	60	9	23	68	6	0.57	1.365
Pearl Linen	◆◆◆◆	◗◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	13	37	50	10	28	62	6	0.53	1.365
White Pearl	◆◆◆◆	◆◆	◆◆◆	◆◆◆◆	◆◆◆◆	15	46	39	12	35	53	6	0.47	1.365
White	◆◆◆◆◆	◆	◆◆◆	◆◆◆	◆◆◆◆	24	61	15	18	46	36	6	0.39	1.365
Midnight Storm	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	7	7	86	8	6	86	6	0.72	1.365
Midnight Bronze	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	7	5	88	7	3	90	6	0.73	1.365
Linen Beige	◆◆◆◆	◆◆	◆◆◆	◆◆◆◆	◆◆◆◆	17	50	33	11	34	55	6	0.45	1.365
Storm Blue	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	8	19	73	7	12	81	6	0.64	1.365
Amber White	◆◆◆◆◆	◗◆	◆◆◆	◆◆◆	◆◆◆◆	22	58	20	15	39	46	6	0.41	1.365
Storm	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	7	13	80	8	12	80	6	0.68	1.365
Amber	◆◆◆◆	◆◆	◆◆◆	◆◆◆	◆◆◆◆	21	57	22	14	38	48	6	0.41	1.365
Beige	◆◆◆◆	◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	15	46	39	10	31	59	6	0.47	1.365
Midnight Blue	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	8	12	80	8	6	86	6	0.69	1.365
Natural	◆◆◆◆◆	◗◆	◆◆◆	◆◆◆	◆◆◆◆	22	60	18	16	43	41	5	0.39	1.365
Natural White	◆◆◆◆◆	◗◆	◆◆◆	◆◆◆	◆◆◆◆	23	61	16	16	43	41	6	0.39	1.365
Bronze	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	7	8	85	7	5	88	6	0.71	1.365
Beige White	◆◆◆◆	◆◆	◆◆◆	◆◆◆	◆◆◆◆	18	50	32	13	35	52	6	0.45	1.365

Composition
Polymer coated glass fibre
[1 warp x 2 weft weave]

Applications
Rollershades

Roman Blinds

Panel Glide

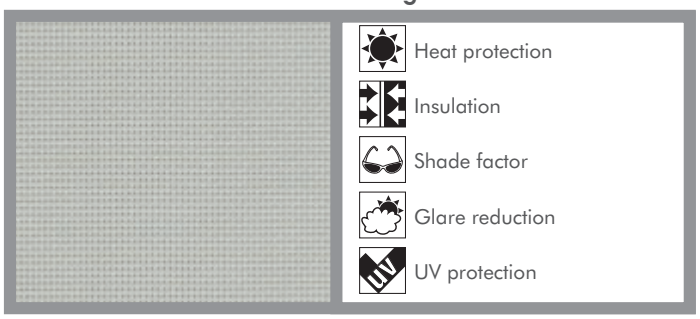
Weight
400gsm ffl 10
Thickness
0.50mm
Available roll sizes
2.500mm
Openness factor
6% average (dependent on colour)

Colourfastness
(AS 2001.4.21) 6-7 Blue Scale
Stiffness
(AS 2001.2.9-1977) 48mm
Breaking strength
Warp 1500N +/-200N [Base Cloth]
Weft 2300N +/-200N [Base Cloth]
Elongation at break
Warp 9.3 %
Weft 5.5 %
Tear resistance
Warp 90N +/-10N [Base Cloth]
Weft 130N +/-10N [Base Cloth]
Country of origin
Australia

Fire Retardant*
[AS 1530.3.1999]
Complies with the General Requirements of the Building Code of Australia for Fire Hazard properties of materials in buildings. Not suitable for use in parts of buildings with Special Requirements,
i.e. fire isolated exits; public corridors leading to a fire isolated stairway, passageway or ramp; a patient care area of health care buildings; and in a public assembly building (e.g. theatre or hall) not protected with a sprinkler system.

Ignitability Index [Range 0-20]	0
Spread of Flame Index [Range 0-10]	0
Heat Evolved Index [Range 0-10]	0
Smoke Developed Index [Range 0-10]	5

Comfort Rating™



Luxaflex® WINDOW FASHIONS

www.luxaflex.co.nz

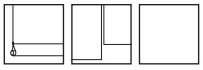
FABRIC

La Vista®

COMFORT RATING™#					
Colour					
La Vista (White)	◆◆◆◆◆	◆◆	◆◆◆	◆◆◆	◆◆◆◆

Composition
PVC coated polyester

Applications
Roller Blinds
Panel Glides
Roman Blinds



Weight
Mass: 490gsm ffl 20 [finished weight]

Available roll sizes
3000mm available

Privacy factor
Room darkening - complete privacy

Colourfastness
(AS 2001.4.21)
6-7 Blue Scale

Breaking strength
Warp =>1100N
[Base Cloth]
Weft =>1100N
[Base Cloth]

Tear resistance
Warp =>40N [Base Cloth]
Weft =>40N [Base Cloth]

Australian made

Fabric features

Fire Retardant*
[AS 1530.3.1999]

Complies with the General Requirements of the Building Code of Australia for Fire Hazard properties of materials in buildings. Not suitable for use in parts of buildings with Special Requirements,
i.e. fire isolated exits; public corridors leading to a fire isolated stairway, passageway or ramp; a patient care area of health care buildings; and in a public assembly building (e.g. theatre or hall) not protected with a sprinkler system.

Ignitability Index [Range 0-20]	0
Spread of Flame Index [Range 0-10]	0
Heat Evolved Index [Range 0-10]	0
Smoke Developed Index [Range 0-10]	7

Colour range
9 colours

FABRIC

NOVASCREEN™ Sunscreen Fabric

SOLAR OPTICAL PROPERTIES

COLOUR	Heat Transmission T_s	Heat Reflectance R_s	Heat Absorption A_s	Light Transmission T_L	Light Reflection R_L	Light Absorption A_L	Ultra Violet Transmittance Tuv	Shading Coefficient Sc	R Value Single Glazing R_1
MIDNIGHT	5	4	91	7	3	90	5	0.74	1.365
WHITE PEARL	13	50	37	13	51	36	5	0.44	1.365
WHITE	23	61	16	20	60	20	5	0.39	1.365
MIDNIGHT STORM	5	10	85	8	11	81	5	0.70	1.365
MIDNIGHT BRONZE	6	7	87	8	5	87	5	0.72	1.365
NATURAL WHITE	22	59	19	20	61	19	5	0.40	1.365
WHITE STORM	10	44	46	11	45	44	5	0.47	1.365
WHITE MIDNIGHT	8	38	54	10	41	49	5	0.51	1.365
MIDNIGHT BEIGE	6	24	70	8	23	69	5	0.60	1.365
MIDNIGHT PEARL	6	18	6	8	19	73	5	0.64	1.365
PEARL BEIGE	11	37	52	11	33	56	5	0.53	1.365
PEARL BRONZE	8	24	68	9	25	66	5	0.61	1.365

* Light Side of Sunscreen facing window

COMFORT RATING™#

COLOUR	HEAT PROTECTION	INSULATION	SHADE FACTOR	GLARE REDUCTION	UV PROTECTION
MIDNIGHT	♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦♦
WHITE PEARL	♦♦♦♦♦	♦♦	♦♦♦	♦♦♦♦	♦♦♦♦
WHITE	♦♦♦♦♦	♦♦	♦♦	♦♦♦	♦♦♦♦
MIDNIGHT STORM	♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦♦
MIDNIGHT BRONZE	♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦♦
WHITE NATURAL	♦♦♦♦♦	♦♦	♦♦	♦♦♦♦	♦♦♦♦
WHITE STORM	♦♦♦♦	♦♦	♦♦♦	♦♦♦	♦♦♦♦
WHITE MIDNIGHT	♦♦♦♦	♦♦	♦♦♦	♦♦♦♦	♦♦♦♦
MIDNIGHT BEIGE	♦♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦♦
MIDNIGHT PEARL	♦♦♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦♦
PEARL BEIGE	♦♦♦♦	♦♦	♦♦♦	♦♦♦♦	♦♦♦♦
PEARL BRONZE	♦♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦♦

NOVASCREEN™ is a dual sided fabric with alternative light and dark sides. The benefit of this design is that the dark side offer visibility and glare reduction whilst the light side provides improved heat control.

It is recommended that the light side of the fabric faces the glazed area.

FEATURES	BENEFITS
Broken Twill Weave Design	Modern design which provides a consistent look weave.
12 Colours	Modern colour range designed to suit most Australian interiors.
Excellent Solar Optical properties	The solar optical properties include heat protection, insulation, shade Factor, glare reduction and UV protection.
Light Filtering	The unique weave allows light to filter through and provides a certain level of daytime privacy.
UV resistant	All colours meet Australian Standards for colour fastness to resist fading.
Fire Retardancy#	Suitable for a range of commercial applications.

Composition & Weight

Weight
PVC Coated Fibreglass

385gsm ± 20
Thickness 0.45mm

Available Roll Sizes
2.500mm
Openness Factor
5% average (dependent on colour)

Colourfastness [AS 2001.4.21]

6-7 Blue Scale
Assembly
Crush Cutting Recommended

Applications
Roller Blinds and Roman Shades
Stiffness [AS 2001.2.9-1977]

Breaking Strength [AS 2001.2.3-1988]
45mm ±

5 Warp >1600N
Weft >1100N
Tear Resistance [AS 2001.2.10]
Warp > 60N
Weft > 35N

Country of Origin
Australia

Fire Retardancy [AS1530.3.1999]

Ignitability Index	0 [Range 0-20]
Spread of Flame Index	0 [Range 0-10]
Heat Evolved Index	0 [Range 0-10]
Smoke Developed Index	3 [Range 0-10]

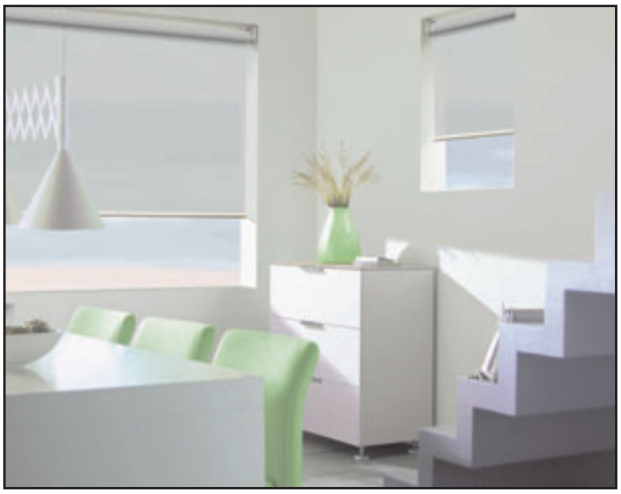
Fire Retardant*
[AS 1530.3.1999]

Complies with the General Requirements of the Building Code of Australia for Fire Hazard properties of materials in buildings. Not suitable for use in parts of buildings with Special Requirements, i.e. fire isolated exits; public corridors leading to a fire isolated stairway, passageway or ramp;

FABRIC

Greenscreen - Evolution

GreenScreen™ Evolution
SOLAR SHADING FABRICS

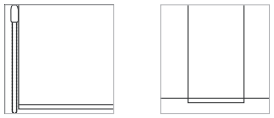


Note: Colours are as close as the printing process allows.

AVAILABLE IN 12 COLOURS

Weathermaster has launched a new fabric called GREENSCREEN™ Evolution that is not only environmentally sound, but also retains many of the traditional Sunscreen fabric benefits of reducing unwanted glare and light from entering a building.

The knitted lineal pattern of GREENSCREEN™ ensures the fabric remains stable over the lifecycle of the finished product. It also means the fabric rolls easily with minimal telescoping.

FEATURES	BENEFITS
 Chain Drive Roller Blind Panel Glide	Available in either Roller Blind or Panel Glide applications, the beutifully knitted fabric provides a fresh, new look for window treatments.
12 colours	A full range of neutrals and new season designer colours.
UV Resistant	All colours meet New Zealand Standards for colourfastness to resist fading.
	Suitable for a range of commercial and domestic applications.
Solar Optical Properties	Whilst allowing you to maintain your view, Sunscreen fabrics improve the transportation of natural daylight and reduce the level of glare in any room.
	GREENSCREEN™ has been tested and meets maximum VOC content compliance criteria in IEQ-11 of the Green Building Council of Australia.

AVAILABILITY

Roller Blinds and Panel Glide are are now available in GREENSCREEN™ Evolution Fabric.

FABRIC

Greenscreen™ - Evolution

SOLAR OPTICAL PROPERTIES

COLOUR	Heat Transmission T_S	Heat Reflectance R_S	Heat Absorption A_S	Light Transmission T_L	Light Reflection R_L	Light Absorption A_L	Ultra Violet Transmittance Tuv	Shading Coefficient Sc	R Value Single Glazing R_1
MIDNIGHT	5	4	91	7	3	90	5	0.74	1.365
WHITE PEARL	13	50	37	13	51	36	5	0.44	1.365
WHITE	23	61	16	20	60	20	5	0.39	1.365
MIDNIGHT STORM	5	10	85	8	11	81	5	0.70	1.365
MIDNIGHT BRONZE	6	7	87	8	5	87	5	0.72	1.365
NATURAL WHITE	22	59	19	20	61	19	5	0.40	1.365
WHITE STORM	10	44	46	11	45	44	5	0.47	1.365
WHITE MIDNIGHT	8	38	54	10	41	49	5	0.51	1.365
MIDNIGHT BEIGE	6	24	70	8	23	69	5	0.60	1.365
MIDNIGHT PEARL	6	18	6	8	19	73	5	0.64	1.365
PEARL BEIGE	11	37	52	11	33	56	5	0.53	1.365
PEARL BRONZE	8	24	68	9	25	66	5	0.61	1.365

* Light Side of Sunscreen facing window

COMFORT RATING™#

COLOUR	HEAT PROTECTION	INSULATION	SHADE FACTOR	GLARE REDUCTION	UV PROTECTION
MIDNIGHT	♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦◖
WHITE PEARL	♦♦♦♦♦	♦♦	♦♦♦	♦♦♦♦	♦♦♦◖
WHITE	♦♦♦♦♦	♦♦	♦♦	♦♦♦	♦♦♦◖
MIDNIGHT STORM	♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦◖
MIDNIGHT BRONZE	♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦◖
WHITE NATURAL	♦♦♦♦♦	♦♦	♦♦	♦♦♦♦	♦♦♦◖
WHITE STORM	♦♦♦♦	♦♦	♦♦♦	♦♦♦	♦♦♦◖
WHITE MIDNIGHT	♦♦♦♦	♦♦	♦♦♦	♦♦♦♦	♦♦♦◖
MIDNIGHT BEIGE	♦♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦◖
MIDNIGHT PEARL	♦♦♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦◖
PEARL BEIGE	♦♦♦♦	♦♦	♦♦♦	♦♦♦♦	♦♦♦◖
PEARL BRONZE	♦♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦◖

COLOUR	HEAT PROTECTION	INSULATION	SHADE FACTOR	GLARE REDUCTION	UV PROTECTION
MIDNIGHT	♦♦♦	♦♦	♦♦♦♦	♦♦♦♦♦	♦♦♦♦
MIDNIGHT STORM	♦♦◖	♦♦	♦♦♦♦	♦♦♦♦	♦♦♦◖
ECRU	♦♦♦	♦♦	♦♦	♦♦	♦
PEARL	♦♦♦	♦♦	♦	♦♦	♦
LINEN BEIGE	♦♦♦	♦♦	♦♦	♦♦	♦
STORM	♦♦♦	♦♦	♦♦	♦♦	♦
WHITE	♦♦♦◖	♦♦	♦	♦♦	♦♦
LINEN	♦♦♦	♦♦	♦	♦♦	♦
CHARCOAL BRONZE	♦♦♦	♦♦	♦♦♦	♦♦♦♦	♦♦♦
LINEN WHITE	♦♦♦◖	♦♦	♦	♦♦	♦
BRONZE	♦♦♦	♦♦	♦♦	♦♦	♦
NATURAL WHITE	♦♦♦◖	♦♦	♦	♦♦	♦

♦♦♦♦♦ Highest level of heat protection, insulation, shading, glare reduction or UV Protection.
♦♦♦♦ High level of heat protection, insulation, shading, glare reduction or UV Protection.
♦♦♦ Medium level of heat protection, insulation, shading, glare reduction or UV Protection.
♦♦ Low level of heat protection, insulation, shading, glare reduction or UV Protection.
♦ No heat protection, insulation, shading, glare reduction or UV Protection.

The COMFORT RATING* has been developed by Hunter Douglas Limited with the assistance from Canesis Pty Ltd - an Independent Australian Fibre and Textile Research and Development Company.

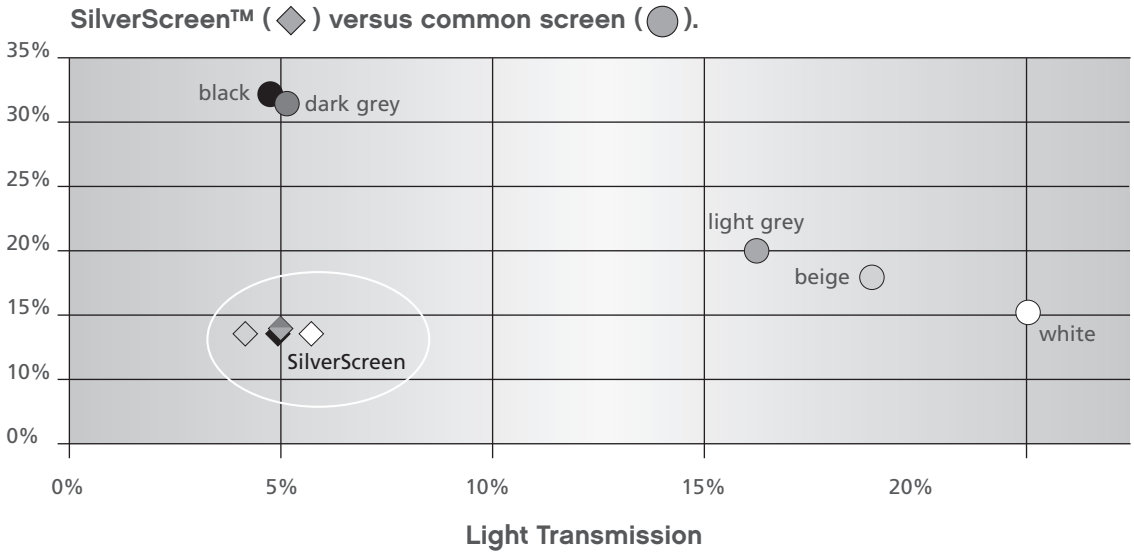
FABRIC

SilverScreen™

The ultra-fine layer of aluminium on a screen fabric dramatically improves the solar energy performance, whilst demonstrating excellent corrosion resistance properties. SilverScreen™ adds a contemporary style to architectural design on the interior as well as on the exterior of the building; functional meets decorative.

In the schedules below, the major differences between SilverScreen™ and common screen are clearly displayed.

SilverScreen™ performances



The visual glare and heat gain properties of common screens depend on the colour of the screen. With SilverScreen™, thanks to the aluminium layer on the reverse side, these properties are practically independent of the colour of the screen. Furthermore, SilverScreen™ provides a good visual contact to the outside world.

		Black		Dark grey		White		Beige			
	High Perf. glazing	SilverScreen	common screen	SilverScreen	common screen	SilverScreen	common screen	SilverScreen	common screen	SilverScreen	common screen
Solar transmission		5%	5%	5%	6%	6%	21%	5%	20%	5%	18%
Solar reflection outside		75%	5%	76%	9%	74%	68%	74%	61%	75%	52%
Light transmission		5%	5%	5%	5%	6%	20%	5%	19%	5%	17%
Light reflection outside		74%	5%	74%	8%	73%	77%	73%	68%	74%	58%
UV Transmission		5%	5%	5%	5%	5%	5%	4%	5%	5%	5%
Openness factor		4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Colour rendering index		99	100	99	99	99	95	99	88	100	94
Light transmission	67%	4%	3%	3%	4%	4%	14%	4%	12%	4%	11%
g-value	37%	14%	31%	14%	31%	14%	15%	14%	17%	14%	20%
U-value (W/m².K)	1,1	0,7	0,8	0,7	0,8	0,7	0,9	0,7	0,9	0,7	0,9

According to the European performance rating of shading products,
EN 14501, the SilverScreen™ scores are:
Glare control: 4 (very good effect)
View through: 3 (good effect)
g-value: 3 (good effect) – 4 (very good effect) are achievable

Also with respect to the U-value, very good effects can be realised.

FABRIC

SilverScreen™

Integrated and thermal optical properties	Fabric Density	SilverScreen™	
	Fabric colour	Dark Grey	
	Solar transmittance	5%	
	Solar reflectance outside	76%	
	Solar absorbtance	19%	
	Luminous transmittance	5%	
	Luminous reflectance outside	74%	
	Luminous absorbtance	21%	
	UV transmittance	5%	
	Openness factor (nominal)	4%	
	Ra[Colour rendering index]	99	
Glazing Type		Single 3mm Clear Glass	Solar Control Glazing
	Light transmittance	5%	5%
	G-value	20%	14%
	Shading coefficient	23%	16%
	U-value (W/mK) [2]	1.7	0.7
Composition		36% Fibreglass / 64% PVC	
Pattern		Natté 1x2	
Weight per m^2		400g ± 5%	
Thickness		0.5mm ± 5%	
Dimensional stability / Breaking strength	Warp	150daN/5cm	
	Weft	150daN/5cm elongation	
Tear resistance	ISO 4674	6á 10 daN	
Resistance to fold		Mini 20 daN/5cm	
Colour fastness to light	ISO 105-B02	7/8	
Anti static		Fabric is anti-static	
Organic Emissions [VOC]	Green Building Council of Australia - Green Star Office Interior Spec.	< 0.5mg/m^2/hr (7 days)	
ASTM D5116-97	Total Volatile Organic Compound - Specific Area Emission Rate	0.05mg/m^2/hr	
Flame retardancy	Ignitability Index	18	Range [0-20]
AS/NZS 1530.3-1999	Spread of flame index	0	Range [0-10]
	Heat evolved index	0	Range [0-10]
	Smoke developed index	4	Range [0-10]

No Blind | Transparent | Semi Transparent | Non Transparent

FABRIC INFORMATION

Flame Retardant

SEMI TRANSPARENT-
Metallised Screen

SYSTEMS AVAILABLE

Roller Blinds

FEATURES

SilverScreen™ semi transparent metal backed screen fabric provides excellent vision out. SilverScreen™ dramatically reduces heat and glare at the window independent of colour. It is constructed from a hard wearing PVC coated fibreglass yarn and woven to 1900mm and 2400mm in width. SilverScreen™ is inherently flame retardant.

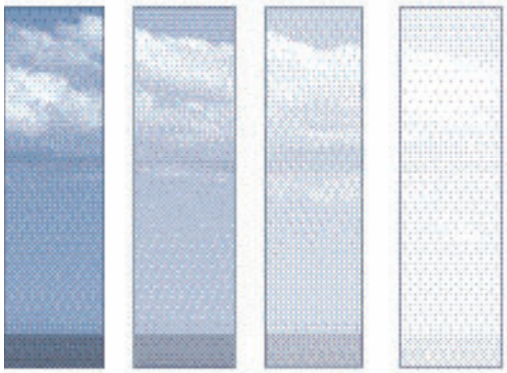
SilverScreen™ is designed specifically for manual and motorised roller blinds systems.

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].

FABRIC

816 Fabric

Integrated and thermal optical properties	Fabric density	816Transparent		
	Fabric colour	000		
	Solar transmittance	29%		
	Solar reflectance outside	44%		
	Solar absorbtance	27%		
	Luminous transmittance	29%		
	Luminous reflectance outside	43%		
	Luminous absorbtance	28%		
	UV transmittance	27%		
	Openness factor (nominal)	23%		
	Ra[Colour rendering index]	98		
Glazing Type		Single 3mm Clear Glass		Solar Control Glazing
	Light transmittance	28%		22%
	G-value	44%		24%
	Shading coefficient	51%		28%
	U-value (W/m^2K)	2.5		0.8
Fabric	Yarn composition: Trevira CS	Weight (g/m^2): 70	Thickness (mm): 0.23	
Aluminium adhesion		ISO 2409 classification 0		
Aluminium retention	Water vapour test	Percentage loss aluminium		
		After 30mins - 0% After 2hrs - 50%		
	Sulphur dioxide test	Percentage loss aluminium		
		After 3hrs - 0% After 5hrs - 40%		
Pleat retention	AWTAtest - 100% heat applied to 30 pleats	Retention - 10 pleats		
Corrosion resistance		Metal layer EN ISO 3231		
Noise reduction	ASTMtest C423-84a	Coefficient of 0.25 sabin/sq.ft		
Colour fastness DIN 54004		Colour >5 Metal 8		
816 fabric is Anti static, PVC Free and Formaldehyde Free				
Flame retardancy AS1530.3-1989	Ignitability index	0	Range [0–20]	
	Spread of flame index	0	Range [0–10]	
	Heat evolved index	0	Range [0–10]	
	Smoke developed index	0-1	Range [0–10]	



FABRIC INFORMATION

Flame Retardant

TRANSPARENT - Metallised

SYSTEMS AVAILABLE

Roller Blinds

Pleated Blinds

FEATURES

816 is a highly transparent, metal backed fabric, woven from 100% Trevira CS and is inherently fibre flame retardant. 816 provides excellent vision out, heat control in summer and insulation against heat loss in winter.

816 offers high performance, independent of colour.

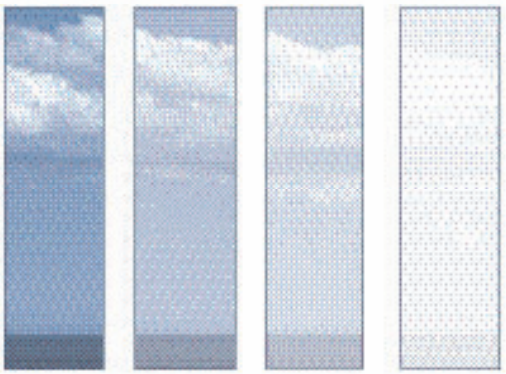
816 is woven to 2200mm in width and designed specifically for pleated, roller, twin and motorised blind systems.

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. Fire 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, 6mm Single Glass/Pilkington OptiCl 3 plot according to EN410, ISO 9050 and ISO 15099 without ventilation].

FABRIC

812 Fabric

Integrated and thermal optical properties	Fabric density	812 SemiTransparent	
	Fabric colour	000	
	Solar transmittance	9%	
	Solar reflectance outside	64%	
	Solar absorbtance	27%	
	Luminous transmittance	9%	
	Luminous reflectance outside	62%	
	Luminous absorbtance	28%	
	UV transmittance	7%	
	Openness factor (nominal)	5%	
	Ra[Colour rendering index]	99	
Glazing Type		Single 3mm Clear Glass	Solar Control Glazing
	Light transmittance	9%	7%
	G-value	28%	18%
	Shading coefficient	32%	21%
	U-value (W/mK) ^{2}	2.1	0.8
Fabric	Yarn composition: Trevira CS	Weight (g/m^2): 95	Thickness (mm): 0.20
Aluminium adhesion		ISO 2409 classification 0	
Aluminium retention	Water vapour test	Percentage loss aluminium	
		After 30mins - 0% After 2hrs - 50%	
	Sulphur dioxide test	Percentage loss aluminium	
		After 3hrs - 0% After 5hrs - 40%	
Pleat retention	AWTA test - 100% heat applied to 30 pleats	Retention - 10 pleats	
Corrosion resistance		Metal layer EN ISO 3221	
Noise Reduction	ASTM test C423-84a	Coefficient of 0.35 sabin/sq.ft	
Colour fastness		Colour >5	
DIN 54004		Metal 8	
812 fabric is Anti static, PVC Free and Formaldehyde Free			
Flame retardancy AS/NZS 1530.3-1989	Ignitability index	0	Range [0-20]
	Spread of flame index	0	Range [0-10]
	Heat evolved index	0	Range [0-10]
	Smoke developed index	0-1	Range [0-10]



FABRIC INFORMATION

Flame Retardant

SEMI TRANSPARENT - Metallised

SYSTEMS AVAILABLE

Roller Blinds

Pleated Blinds

FEATURES

812 is a semi transparent metal backed fabric, woven from 100% Trevira CS and is inherently fibre flame retardant. 812 provides good visual contact through the window, heat control in summer, excellent glare control and insulation against heat loss in winter. 812 offers high performance, independent of colour.

812 is woven to 2200mm in width and designed specifically for pleated, roller, twin and motorised blind systems.

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. Fire 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]. 6mm Single Glass[Pilkington OptiCL3.pkg] according to EN410, ISO 9050 and ISO 15099 without ventilation].

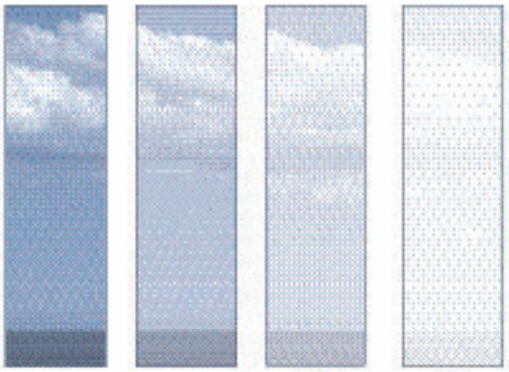
Luxaflex®
WINDOW FASHIONS

www.luxaflex.co.nz

FABRIC

878 Fabric

Integrated and thermal optical properties	Fabric density	878 NonTransparent		
	Fabric colour	000		
	Solar transmittance	4%		
	Solar reflectance outside	68%		
	Solar absorbtance	28%		
	Luminous transmittance	4%		
	Luminous reflectance outside	67%		
	Luminous absorbtance	29%		
	UV transmittance	1.5%		
	Openness factor (nominal)	0%		
	Ra[Colour rendering index]	99		
Glazing Type		Clear GlassSingle 3mm Solar		Control Glazing
	Light transmittance	4%		3%
	G-value	24%		16%
	Shading coefficient	28%		18%
	U-value (W/m^{2}K)	1.9		0.7
Fabric	Yarn composition: Trevira CS	Weight (g/m^2): 142		Thickness (mm): 0.23
Aluminium adhesion		ISO 2409 classification 0		
Corrosion resistance		Metal layer EN ISO 3231		
Colour fastness DIN 54004		Colour >5 Metal 8		
878 fabric is Anti static, PVC Free and Formaldehyde Free				
Flame retardancy AS/NZS 1530.3-1999	Ignitability index	0		Range [0–20]
	Spread of flame index	0		Range [0–10]
	Heat evolved index	0		Range [0–10]
	Smoke developed index	0-1		Range [0–10]



FABRIC INFORMATION

Flame Retardant

NON TRANSPARENT- Metallised

SYSTEMS AVAILABLE

Roller Blinds

Pleated Blinds

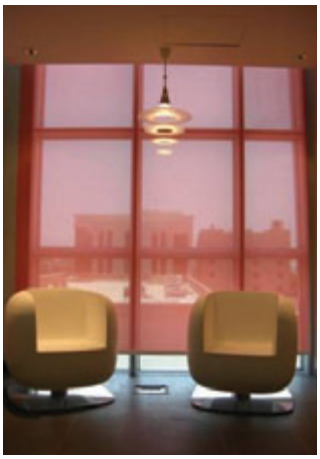
FEATURES

878 is a non-transparent metal backed fabric, woven from 100% Trevira CS and is inherently fibre flame retardant. 878 provides excellent heat and glare control with insulation against heat loss in winter. 878 offers excellent performance, independent of colour.

878 is woven to 2200mm in width and designed specifically for pleated, roller, twin and motorised blind systems.

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], [6mm Single Glass(Pilkington OptiCl_3.pkg) according to EN410, ISO 9050 and ISO 15099 without ventilation].

FABRIC

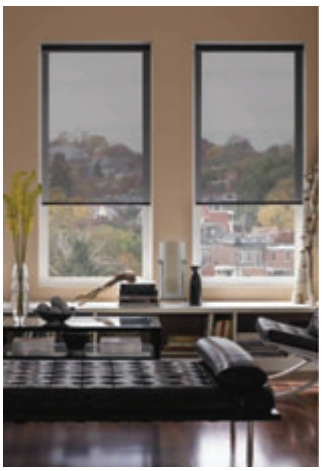


M-Screen 8505
- Eco-friendly fabric
- 35 colours
- Average 5% OF
- Widths: 1.55m – 2.0 m - 2.5m
- 14 colours in width 3.10 m
- Blocks between 90% and 96% of UV.
- Fire classification: AS 1530 part 3
- Also available in average OF 3%
- Suitable for Roller blinds and Roman blinds.
- Printable
- 1/2 Basket weave 1 warp & 2 wefts

E-Screen 7505 and 7510
- Eco-friendly fabric
- 9 colours
- 7505 = 5% OF, 7510 =10%
- Blocks between 89% and 94% of UV
- Width: 2.5 m
- Fire classification: AS 1530.2 and 3
- 7510: ideal to maintain the view
- Suitable for Roller blinds and Roman blinds.
- Printable
- 2/2 Basket weave 2 warp & 2 wefts

GreenScreen

Vela Met
- Eco friendly fabric
- 4 colours
- Recyclable
- Widths: 2.4m
- Average 2%
- Maximum reflection of solar energy: Metallised backing
- Fire classification: AS/NZ 1530 part 3.
- Suitable for Roller blinds and Roman blinds.



GreenScreen

Vela
- Eco-friendly fabric
- 5 colours
- Recyclable
- Widths: 3m
- Average 3% OF
- Fire classification: AS/NZ 1530 part 3
- Enhanced glare control: tighter weave
- Suitable for Roller blinds and Roman blinds.

T-Screen 9603
- Eco-friendly fabric
- 7 colours
- Widths: 2.5m
- Average 3% OF for glare protection
- Blocks between 93% and 94% of UV
- Fire classification: M1
- High frequency or thermal welding, sewing
- Suitable for Roller blinds and Roman blinds.
- Printable
- Twill weave with diagonal rib

AS 1530.3	Ignitability Index*	Spread of Flame Index**	Heat Evolved Index**	Smoke Developed Index**
M-Screen 8505	0	0	0	3
T-Screen 9605	0	0	0	3
E-Screen 7510	0	0	0	3
T-Screen 9903	0	0	0	4
T-Screen 9601	0	0	0	3
M-Screen 8503	0	0	0	4
E-Screen 7505	0	0	0	4
Vela & Vela Met	0	0	0	0-1

FABRIC

Limitations

FABRIC	COUNTRY OF ORIGIN	CONTROL	BOTTOM RAIL	MAX BLIND WIDTH	MAX BLIND DROP
Carnival	SA	Spring, Chain or Motorised	Lath or Aluminium	2000mm	3000mm
Seascape	AUS	Spring, Chain or Motorised	Lath or Aluminium	2400mm	3000mm
Carina	GER	Spring, Chain or Motorised	Lath or Aluminium	2000mm	3000mm
Plaza	AUS	Spring, Chain or Motorised	Lath or Aluminium	2400mm	3000mm
Santiago	GER	Spring, Chain or Motorised	Lath or Aluminium	2000mm	3000mm
Palm Beach	AUS	Spring, Chain or Motorised	Lath or Aluminium	2300mm	3000mm
Twilight	AUS	Spring, Chain or Motorised	Lath or Aluminium	2000mm	3000mm
Sevilla	GER	Chain or Motorised	Aluminium	2000mm	3000mm
Fiona	GER	Chain or Motorised	Aluminium	2000mm	3000mm
Carezza	GER	Chain or Motorised	Aluminium	2000mm	3000mm
Milano	GER	Chain or Motorised	Aluminium	2000mm	3000mm
Matilda	AUS	Chain or Motorised	Aluminium	2400mm	3000mm
Allure Blockout	GER	Chain or Motorised	Aluminium	2400mm	3000mm
Pearlessence	AUS	Chain or Motorised	Aluminium	2400mm	3000mm
Mist	NL	Chain or Motorised	Aluminium	1950mm	3000mm
Design Gallery	GER	Chain or Motorised	Aluminium	2000mm	3000mm
Extraflocke	AUS	Chain or Motorised	Aluminium	2450mm	3000mm
Urban Shades	AUS	Chain or Motorised	Aluminium	2400mm	3000mm
Landscape	AUS	Chain or Motorised	Aluminium	2500mm	3000mm
Landscape Wide	AUS	Chain or Motorised	Aluminium	3000mm	3000mm
Extraview Plus	AUS	Chain or Motorised	Aluminium	2500mm	3000mm
Novascreen	AUS	Chain or Motorised	Aluminium	2500mm	3000mm
Natte 2115	BELG	Chain or Motorised	Aluminium	2500mm	3000mm
HD Greenscreen*	NZL	Chain or Motorised	Aluminium	2400mm	3000mm
816	NL	Chain or Motorised	Aluminium	2200mm	3000mm
812	NL	Chain or Motorised	Aluminium	2200mm	3000mm
878	NL	Chain or Motorised	Aluminium	2200mm	3000mm
Silverscreen®	NL	Chain or Motorised	Aluminium	2400mm	3000mm
T-Screen & E-Screen*	FRA	Chain or Motorised	Aluminium	2500mm	3000mm
M-Screen*	FRA	Chain or Motorised	Aluminium	2500mm	3000mm
M-Screen (Wide)*	FRA	Chain or Motorised	Aluminium	3100mm	3000mm
Vela*	FRA	Chain or Motorised	Aluminium	3000mm	3000mm
Vela Met*	FRA	Chain or Motorised	Aluminium	2400mm	3000mm

Note:

* These fabrics are indent only.
All of the above options can be motorised. Refer to the Automation section of this manual.
Motorised blinds have a maximum drop of 4000mm
Lath = Sewn pocket with timber lath and ring pull.
Chain control maximum area = 9.0m2
Motorisation maximum area 12m2
Aluminium bottom rail is available in round and eliptical.
Soft lift spring assist is reccommended for blinds over 4.5m2.
Minimum width for soft lift is 800mm
Minimum width for spring control is 400mm