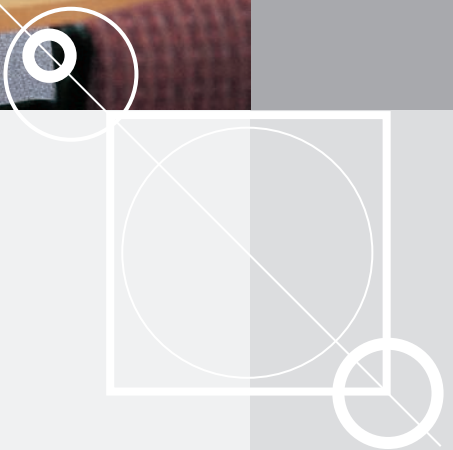


# Luxaflex®

Vertical Blinds





Vertical Blinds are an ideal window covering in any Commercial environment, public building or residential development, both from a decorative and functional point of view.

The LUXAFLEX® Vertical Blind is the most economical solution for large windows. It can cover surfaces up to 6m wide and 4m tall in one span.

For sloping and irregularly shaped windows, the Vertical Blind is often the only practical solution. In all situations it offers an unsurpassed ease of operation. By tilting the vanes, sunlight can be filtered efficiently, even without blocking the outside view.

## Colour Range

There are 10 fabric ranges in the LUXAFLEX Vertical Blinds collection, with the number of colours in each ranging from 6 to 26. Please contact us to see the full selection of colours.

Custom colours are available for large quantities and with sufficient lead time.

The headrail is available in 6 colours.

## The *Multivision* Concept

MULTIVISION™ Fabrics allow you to use the same colour fabric in a range of translucencies. Maximise shading where you need it most with blackout and room darkening fabrics, or allow in more natural light on the less exposed facade of the building with semi-transparent and transparent fabrics. With MULTIVISION™ Fabrics its easy to maintain a uniform colour scheme throughout the building.



Transparent



Semi-transparent



Dim-out



Blockout

## Applications

- Internal installations where heat, light and/or privacy control are required, e.g. offices, board rooms and common areas.
- Large windows - up to 24m<sup>2</sup>
- Sloping windows

## Fabric Specification Overview

Available in 100mm and 127mm slat widths.

All LUXAFLEX Vertical Blinds are 100% woven polyester polymer coated glass fibre. Many are treated with TEFLON® Fabric Protector and SANITIZED® Antimicrobial Protection.

## Hardware Specification Overview

Hardware is constructed from extruded aluminium sections and hard-wearing UV resistant plastics.

## Durability

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.

## Energy Benefits

The selection of light coloured or white backed fabrics will assist in maximising heat reflection and reducing cooling costs.

## Environmental and Employee Benefits

The adjustable light control function of Vertical Blinds 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.

Hunter Douglas Limited, the manufacturer of LUXAFLEX Window Coverings, operates under an Environmental Management System that actively works towards waste and emission reduction and maximising the use of recycling.

Hunter Douglas Limited polyester fabrics do not emit VOCs.

## Australian Made

Most LUXAFLEX Vertical Blind fabrics are woven and coated in Australia.

LUXAFLEX Vertical Blinds are made to measure in Australia.

## Fire Retardant

Several Vertical Blind fabrics are suitable for use in Class 2-9 buildings except in Fire Isolated Exits, in accordance with the Building Code of Australia. Please ask about the fire properties of the fabric of your choice.

## Quality

Hunter Douglas Limited, the supplier of LUXAFLEX Vertical Blind fabrics and components, is a quality endorsed company, certified as complying with the requirements of AS/NZS ISO 9001:2000.

## Commercial Warranty

All LUXAFLEX Vertical Blinds are covered by a two year Commercial Warranty. Conditions apply.

## Reference Projects

Parliament House/Canberra

#19 Thorn Apartments/Brisbane/Tom Dooley Developments Pty Ltd



### Technical Features

1. The narrow vane travellers are completely drawn against the end cap when the blind is opened, so that the vane stack is reduced to a minimum.
2. Slim and elegant design of the headrail and other visible components.
3. The vane stack can be moved to the opposite side of the track by releasing the end stop. Thus the vanes are not in the way when cleaning the window.
4. Extremely smooth operation even on the largest blinds.  
Vaners are always equally spaced and guaranteed to hang straight and parallel, due to patented 'self-alignment' mechanism in the slat traveller. Even when a vane is brought out of line it is automatically restored to its original position.
5. Damaged hooks are easy to replace without dismantling the headrail.



### Track Construction

The EOS® Tracking System is an extruded aluminium alloy section 45mm deep by 25mm high. A clutch mechanism is incorporated to turn the slats and prevent damage to the mechanism.

### Fabric Construction

Available in 100mm and 127mm slat widths.

All LUXAFLEX Vertical Blind fabrics are 100% woven polyester or polymer coated glass fibre. Many are treated with TEFLON® Fabric Protector and SANITIZED® Antimicrobial Protection.

### Options

#### Slat Finishing

3 options are available:

- Traditional finishing with weights and chains.
- 'Earless' weights without chains.
- Fully welded-in weights.



#### Track Colours

A range of 6 track colours are available ex-stock. Custom colours are available, subject to minimum order quantities and lead times.

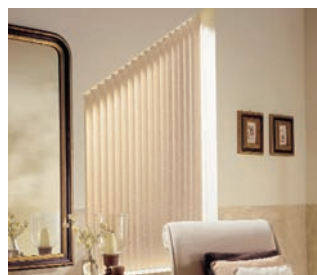
#### Pelmets & Track Finishing

Tracks may be finished with the inserts to co-ordinate with fabric (2), self finished utilising the EOS® Tracking System round front profile (1) or covered by an aluminium pelmet with fabric insert (3).



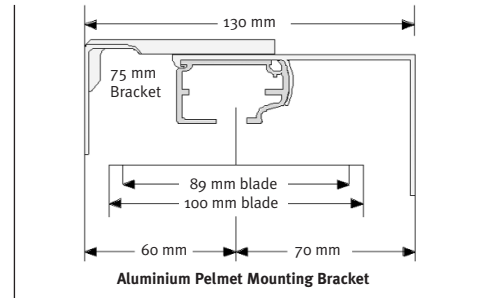
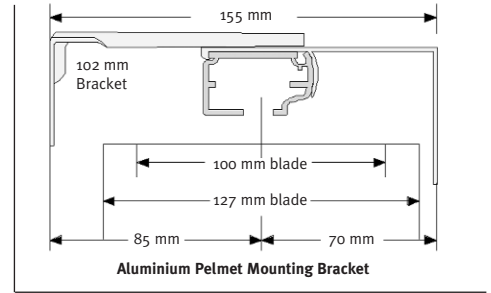
#### Sloping Windows

LUXAFLEX Vertical Blinds can be manufactured to fit a variety of sloped window shapes and can incorporate cut-outs to accommodate stepped windows, air conditioning units and other obstructions.



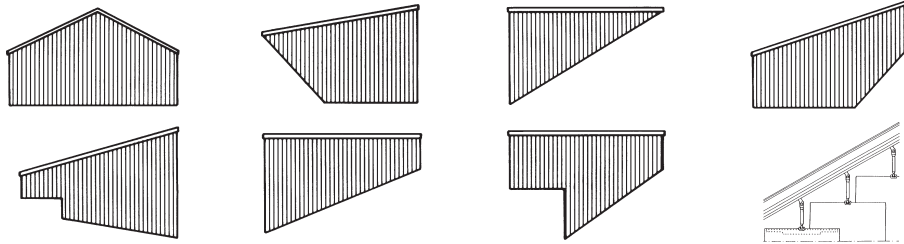
## Dimensions

<b>Slat width</b>	<b>100 mm</b>		<b>127 mm</b>	
Minimum Width	300 mm		300 mm	
Maximum Width	4500 mm		6000 mm	
Maximum Drop	4000 mm		4000 mm	
Maximum Area	18 m <sup>2</sup>		24 m <sup>2</sup>	
<b>Sloping</b>	<b>Maximum width</b>	<b>Maximum drop</b>	<b>Maximum area</b>	
0 - 20 degrees	5000 mm	4000 mm	15 m <sup>2</sup>	
20 - 30 degrees	4500 mm	3000 mm	10 m <sup>2</sup>	
30 - 40 degrees	3500 mm	2750 mm	6 m <sup>2</sup>	
40 - 55 degrees	2500 mm	2500 mm	3 m <sup>2</sup>	
<b>Reveal depth</b>	85 mm		100 mm	
<b>Fully recessed boxmount</b>	110 mm		140 mm	
<b>Bracket size on face fix</b>	75 mm		102 mm	
<b>Minimum surface mount on face</b>	50 mm		50 mm	
<b>Slat overlap</b>	12 mm		12 mm	
<b>Light Gaps</b> (not including deductions)				
- Idle end	2 mm		2 mm	
- Control end	10 mm		10 mm	
<b>Pelmets</b>				
- Returns	130 mm		155 mm	
- Maximum width with returns	4740 mm		4690 mm	
<b>Stack calculations</b>	[(width/88) x 8] +20		[(width/115) x 8] +20	

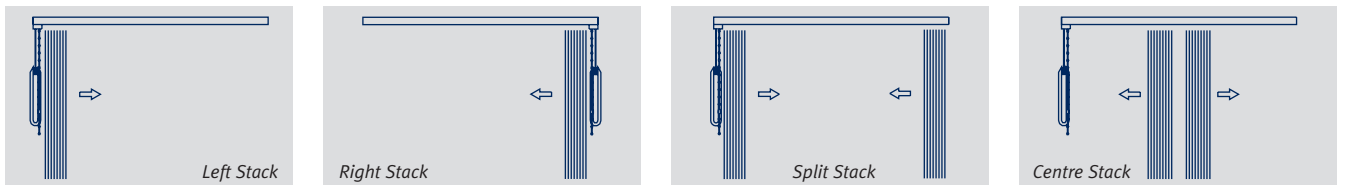


## Sloping Headrail

Maximum slope is 53°. As illustrations show, the bottom line of the blind can also be fitted to the shape of the window, or around a built-in cooling unit etc.



## Stack Options



## Specification Templates

<b>Product Name</b>	<b>LUXAFLEX® Vertical Blinds</b>
<b>Fabric</b>	The fabric shall be Hunter Douglas ..... fabric which is manufactured from woven Polyester/Polyester coated fibreglass. The slats shall be able to be easily detached from the slat traveller and the stack shall be easily unclipped to traverse across the track.
<b>Fabric Treatment</b>	(If applicable – check fabric specification for details and strike out treatments that are not applicable.) Fabric shall be treated with TEFLON® Fabric Protector and SANITIZED® Antimicrobial Protection.
<b>Slat Width</b>	100mm/127mm
<b>Track</b>	The track shall be the Hunter Douglas EOS® Tracking System, using extruded aluminium alloy AA6063 T5 section 45 mm deep by 25 mm high with wall thickness 1.1mm.
<b>Track Colour and Finishing</b>	The track colour shall be ..... and shall be finished with insert to co-ordinate with fabric/self finished round front profile/aluminium pelmet with fabric insert.
<b>Slat Finishing</b>	Bottom slats shall have weight chains/chainless weights/sealed pockets.
<b>Slat Hooks</b>	Slat hooks shall be removable, without the need to disassemble the track.
<b>Slat Weights</b>	Weights with ears: Ears must bend back towards body through at least 45 degrees without cracking.
<b>Slat Travellers</b>	The track shall contain the patented self-aligning mechanism to ensure vanes realign if disturbed. Slats shall be equally spaced.
<b>Clutch</b>	The Vertical Blind shall contain the EOS® Worm Gear Clutch Mechanism.

## Your LUXAFLEX®

### Commercial Contact is:



## Hunter Douglas Limited

LUXAFLEX® Commercial  
 338 Victoria Road, Rydalmere NSW 2116  
**Telephone:** 1300 733 078  
**Facsimile:** 1300 304 470  
**Email:** luxaflex.commercial@hunterdouglas.com.au  
**www.luxaflex.com.au**

