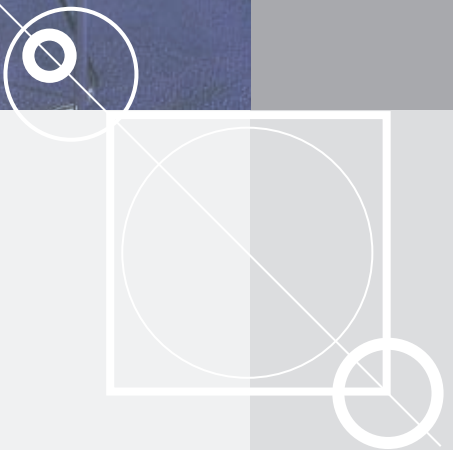


Luxaflex®

Aluminium Venetian Blinds



LUXAFLEX® DUO-FLEX® Venetian Blind



Construction

Headrail

The headrail is U-shaped zincalume steel roll-formed and stove-enamelled, incorporating the tilt/raise and lowering mechanism.

Tiltstop and Clutch

A tiltstop and clutch is fitted to limit tilt-rod rotation at the blind's fully closed position to prevent damage to the tilting mechanism from overwinding (16mm and 25mm models).

Slats

Slats are made from a 0.175 mm thick high tensile aluminium alloy, (selected special finish colours and 50mm slats are made from 0.2 mm thick material), which is pre-treated prior to painting for corrosion resistance and is crowned to improve its rigidity and strength. The slats are stove-enamelled, making them resistant to abrasion, peeling, scratching, dulling, discolouration and corrosion.

Bottom Rail

In most cases the bottom rail is made from D shaped steel for maximum rigidity, is stove-enamelled and fitted with colour co-ordinated end caps.

Raising and Tilting Mechanism

The lift cords are braided polyester with a core of rayon threads. The cord lock holds the blind at any height. A Break-Thru Safety Tassel on the end of the lift cords of 16mm and 25mm blinds is designed to pull apart if a child or pet becomes entangled. The ladder cords are made of polyester. The tilt mechanism holds the slats in the required position.

Colour Co-ordination

All visible components are colour co-ordinated to the colour of the slats (with the exception of the wand).



LUXAFLEX® ONDULETTE® Venetian Blind

Aluminium Venetian Blinds
Luxaflex®




Aluminium Venetian Blinds



LUXAFLEX® Aluminium Venetian Blinds have a well earned reputation for technical reliability and durable construction. They are highly functional and decorative. We use the best materials, aluminium alloys and paint systems in conjunction with automated assembly methods to manufacture a product that represents true value for money.

Venetian Blinds Models

- 16 mm Micro
- 25 mm Slimline
- 25 mm Limited Edition
- THERMOSTOP™ Slats
-  Visiter Concept
- 25 mm DUO-FLEX™ Operating System
- 25 mm TWI-NIGHTER®
- 25 mm ONDULETTE®
- 50 mm Classic
- Between-Glass
- Perforated Venetian Blinds

LUXAFLEX® 16 mm and 25 mm blinds are constructed as follows.

Colour Range

The LUXAFLEX colour range is the most extensive in Australia.

16mm width - 30 colours

25mm width and TWI-NIGHTER® -

73 colours plus 6 colours in perforated slat

25mm Limited Edition - 60 colours

ONDULETTE® - 5 colours

50mm - 8 colours plus 4 in perforated slat

 Visiter - 3 colours in varying levels of perforation

THERMOSTOP™ - 3 colours

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

Applications

- Any internal installation where heat, light and/or privacy control are required
- In between double glazing panes
- Partition walls
- Rectangular and special shaped windows
- Automated operation
- All parts of buildings requiring fire retardant materials

Reference Projects

DIMIA Redevelopment/Canberra/Bovis Lend Lease (Project Manager)

New SATAB Corporate Headquarters Building/Adelaide

Carlton United Beverages - Yarra Building Level 2 Fit Out/Victoria

World Port Centre/Rotterdam, The Netherlands/

Foster and Partners, London

Specification Overview

High tensile 'bounce back' aluminium slat: 16mm, 25mm and ONDULETTE® Venetian Blinds - 0.175mm thick

50mm - 0.2mm thick slat

Head and bottom rail manufactured from zincalume steel that has been stove-enamelled for excellent corrosion resistance.

Durability

Manually operated products have been cycle tested to ensure longevity.

Energy Benefits

Aluminium Venetians are effective reflectors of heat, particularly in light and metallic colours. THERMOSTOP™ Slats conduct 70% less heat than standard slats, improving insulation.

Automated Venetian Blinds 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 adjustable light control function of Venetian 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. Perforated Venetian Blinds provide shading while allowing the building occupants a view to the outside, reducing the feeling of disconnection from the outside world.

The slats in LUXAFLEX Aluminium Venetian Blinds are made from recycled materials.

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.

Australian Made

LUXAFLEX® Venetian Blinds are made to measure in Australia.

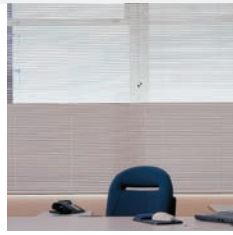
Quality

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

Commercial Warranty

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





Models and Options

LUXAFLEX® DUO-FLEX® Venetian Blinds

The amazing DUO-FLEX® Venetian Blind allows you to have your blind open and closed at the same time! Close the bottom section to reduce glare on computer screens while allowing light in above. Close the top to keep out heat while allowing natural light into your workspace. You can also completely open or close your blind. Available in 16mm, 25mm, Slimline and Limited Edition models.



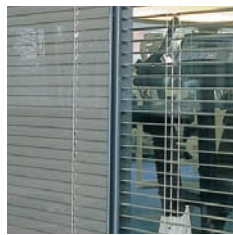
LUXAFLEX® TWI-NIGHTER® Venetian Blinds: the Venetian Blind without visible holes

A TWI-NIGHTER® Venetian Blind has no visible holes, which means no reflections on the computer screen. For this reason TWI-NIGHTER Venetian Blinds are suitable for windows in direct sunlight. Also ideal for optimal security and privacy (e.g. separation walls). Available as 25 mm only. Motorisation is not available.



LUXAFLEX® ONDULETTE® Venetian Blinds

Utilising all the benefits of the 25 mm headrail system, the ONDULETTE® Venetian Blind combines beauty and elegance with the sculptured ocean slat shape. The soft wave effect of the slat offers all the functionality of a Slimline Venetian Blind. Its unique and striking appearance softens the hard straight lines of the standard Slimline. The ONDULETTE Venetian Blind is available in a range of brush finish colours.



LUXAFLEX® In Between Glass Venetian Blinds

For hanging between panes (double glazing) operation is possible as a standard cord or motorized operation. In cases where raising/lowering of the blind is not needed, and only closing/opening is sufficient, a built-in rotation knob is available for the tilt function only.

LUXAFLEX® Limited Edition Venetian Blinds

For the budget conscious, this model offers a functional, durable blind without the 'bells & whistles'. Colour co-ordinated end caps are not offered and the slat overlap is reduced to minimise the quantity of slats in the blind to reduce the cost. With all the benefits of a LUXAFLEX® Aluminium Venetian Blind, Limited Edition Venetian Blinds are the perfect choice for lower cost and high volume blind applications.

LUXAFLEX® 50 mm Classic Venetian Blinds

For Retro styling, the 50 mm Classic is truly a Classic in Venetian Blind design. Utilising a 50 mm headrail system, and 50 mm wide high tensile aluminium alloy slats, the Classic is a great choice for schools or offices.

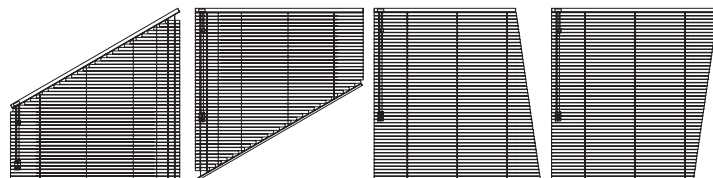
The 50mm Classic is available in a range of plain and perforated colours with string tape as standard and flex tape available on selected colours for a traditional look.

Concealed face or revealed spring loaded brackets, along with a headrail end cap and colour co-ordinating headbox and bottom rail, provide a stylish, clean line appearance.



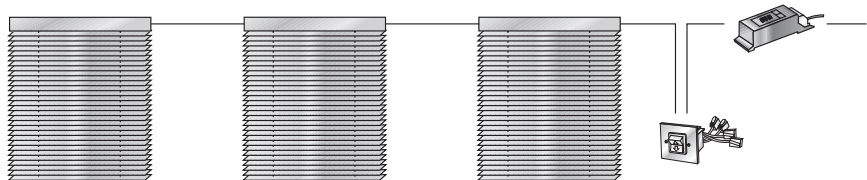
LUXAFLEX® Venetian Blinds - Special Shapes

LUXAFLEX® Venetian Blinds are available in a variety of special shapes to suit modern glazing.



LUXAFLEX® Motorised-electric Tilt and Raising

The blind is powered by a built-in electric motor. There is a choice of separate switches, group operation, infra-red remote, radio remote or solar control. 16mm and 25mm blinds are operated by 24V motors, and 50mm blinds by 240V motors. Battery powered tilt-only operation is also available.

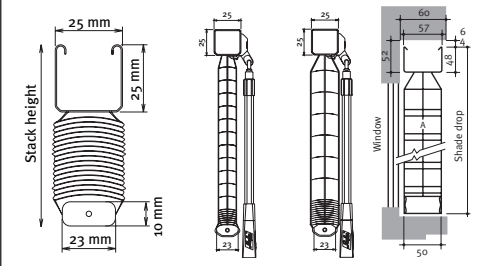


Dimensions

Type	16 mm Micro	25 mm Slimline	25 mm Limited Edition	25 mm TWI-NIGHTER®	ONDULETTE®	50 mm Classic
Minimum Width						
- fixed	110 mm	110 mm	110 mm	110 mm	N/A	N/A
- tilt only	180 mm	180 mm	180 mm	180 mm	N/A	N/A
- split controls	240 mm	240 mm	240 mm	240 mm	270 mm	300 mm
- combined controls	290 mm	290 mm	290 mm	290 mm	290 mm	420 mm
Maximum Width	2600 mm	3300 mm	3300 mm	3300 mm	3300 mm	4000 mm
Maximum Drop	3700 mm	3700 mm	3500 mm	3700 mm	3700 mm	4500 mm
Maximum Area	7 m ²	9 m ²	10 m ²	8 m ²	9 m ²	12 m ²
Stack Height	(.042 x drop +45 mm)	(.034 x drop +45 mm)	(.034 x drop +45 mm)	(.036 x drop +45 mm)	(.036 x drop +45 mm)	(.05 x drop +45 mm)

Standard Product Dimensions -

16mm, 25mm & 50mm styles



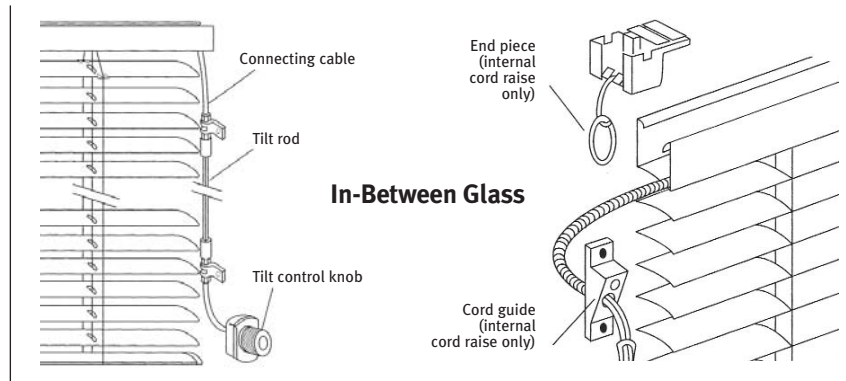
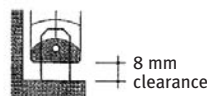
Installation

If required, hold down brackets may be fitted.

Face Fit



Reveal Fit



Specification Templates

Product Name	LUXAFLEX® Aluminium Venetian Blinds - 16mm/25mm.
Model	16mm Micro/25mm Slimline/25mm TWI-NIGHTER®/25mm Limited Edition/ONDULETTE®/In Between Glass
Slat Material	The slats shall be manufactured from 0.175mm thick high tensile aluminium alloy which are crowned. The crowned slat shall be flexible enough to bend 180° around a 12.5 mm radius without incurring any permanent deformation. [Note: Special finishes available in 0.200 mm aluminium alloy 6011]
Slat Dimensions	16mm Micro: the slat width is 16mm with a 4mm slat overlap. 25mm TWI-NIGHTER: the slat width is 25 mm with a 5mm slat overlap 25mm Slimline: the slat width is 25 mm with a 5mm slat overlap 25mm Limited Edition: the slat width is 25 mm with a 3mm slat overlap
Polyester Cord	The core of the polyester cord shall be 1.5 mm thick with a braided jacket and finished with the unique Break-Thru Safety Tassel.
Head & Bottom Rails	Fabricated from 0.5 mm hot-dipped aluminium zinc coated steel. The finish is 12 ±2 microns thick and comprises a thermoset polymer coating over primer.
Colour & finish	The colour shall be in slat style plain/gloss/metallic/brushed/jewel/MULTIVISION™ Concept/THERMOSTOP™ Slats with co-ordinated trims.
DUO-FLEX® Operating System	The blinds shall be supplied with the DUO-FLEX® Operating System. (Delete if not required)
Control	The blind shall be operated by wand/motorised/control knob (in-between glass model)
Motorisation Type	It shall incorporate automatic down stop/automatic up stop/low speed tilting/remote control/switch control.
Clutch	Wand operated 25 mm and 16mm Aluminium Venetian Blinds shall contain the LUXAFLEX® clutch mechanism.

Product Name	LUXAFLEX® 50mm Classic Aluminium Venetian Blinds.
Slat Material	The slats shall be manufactured from 0.22mm thick high tensile aluminium alloy 6001 T8. The crowned slat shall be flexible enough to bend 180° around a 12.5mm radius without incurring any permanent deformation.
Slat Dimensions	The slat width is 50mm with a 9mm slat overlap.
Polyester Cord	The core of the polyester cord shall be 2.3mm thick with a braided jacket.
Headrails	The 98 MK2 Headrail Is manufactured from .04 steel alloy 9300S2.AZ150.
Bottom Rail	The VB50 Bottom Rail is a 2 piece Bottom Rail manufactured from .60 aluminium alloy 5005 H16NAT
Colour	The colour shall be plain/perforated with flex tape/string tape and coordinated trims.
DUO-FLEX® Operating System	The blinds shall be supplied with the DUO-FLEX® Operating System. (Delete if not required)
Motorisation Type	It shall incorporate automatic down stop/automatic up stop/low speed tilting/remote control/switch control.

Fire Retardant (AS 1530.3.1999)

Complies with the General and Special Requirements of the Building Code of Australia for Fire Hazard properties of materials in buildings.

Ignitability Index	0	(Range 0-10)
Spread of Flame Index	0	(Range 0-10)
Heat Evolved Index	0	(Range 0-10)
Smoke Developed Index	0-1	(Range 0-10)

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