

TECHNICAL SPECIFICATIONS

50mm ALUMINIUM VENETIANS

features and benefits

- Hunter Douglas Commercial Aluminium Venetian Blinds have a well earned reputation for technical reliability and durable construction
- highly functional and decorative
- uses the best materials, aluminium alloys and paint systems in conjunction with automated assembly methods to manufacture a product that represents true value for money



Applications

- Internal installation where heat, light and/or privacy control are required.
- Partition walls.
- Automated operation.
- All parts of buildings requiring fire retardant materials.

Colour Range

The colour range is the most extensive in Australia. 8 colours plus 4 colours in perforated slat. Custom colours are available for large quantities and with sufficient lead time.

Durability

Manually operated products have been cycle tested to ensure longevity.

Energy Benefits

Aluminium Venetian Blinds are effective reflectors of heat, in light and metallic colours.

Automated Venetian Blinds can be connected to building management systems for optimal control of air conditioning loads and comfort of the building occupants.

Environmental Benefits

Adjustable light control function means that the use of natural light in the workplace can be maximised. 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 Hunter Douglas Aluminium Venetian Blinds are made from recycled materials.

Fire Retardant

Aluminium Venetian Blinds comply with the General Requirements of the Building Code of Australia for Fire Hazard properties of materials in buildings.

Quality

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

To see how Hunter Douglas Commercial Window Coverings can transform your next project call **1300 733 078**.

www.hunterdouglascommercial.com.au

HunterDouglasCommercial

WINDOW COVERINGS

Part One - General

Scope

SUPPLIER: Furnish and install 50mm Horizontal Aluminium Blinds (Premium Quality).

Submittals

PRODUCT DATA: Manufacturer's descriptive literature shall be submitted indicating materials, finishes, construction and installation instructions and verifying that product meets requirements specified. Manufacturer's recommendations for maintenance and cleaning shall be included.

Delivery, Storage and Handling

Product shall be delivered to site in manufacturer's original packaging.

Product shall be handled and stored to prevent damage to materials, finishes and operating mechanisms.

Job Conditions

Prior to shade installation, building shall be enclosed.

Interior temperature shall be maintained between 15° C and 32° C. during and after installation; relative humidity shall not exceed 80%. Wet work shall be complete and dry.

Warranty

5 Year Commercial Warranty for specified products. See warranty for details.

Part Two - Product

50mm Aluminium Venetian Blinds Acceptable Manufacturer:

Hunter Douglas Commercial

338 Victoria Road, Rydalmere NSW 2116

Telephone: 1300 733 078

Website: www.hunterdouglascommercial.com.au

Visible Components

All visible components shall be colour matched or co-ordinated with the slat or else will be translucent.

Slats

Slats shall be made from high tensile aluminium coilstock and be 50mm wide and a minimum of 0.195mm thick after coating. The coilstock shall undergo a thermal process, to produce optimum mechanical and resilience properties. The crowned coilstock shall withstand bending through 180 degrees, over a mandrel of radius 12.5mm, without incurring permanent deformation. The paint formulation will be a thermosetting polyester coating over a chromate conversion coating and shall at all times conform to rigid quality standards. The paint thickness shall be 12 +/- microns and shall conform to colour standards defined in ASTM D2244. The cord routs shall be punched in an off-centred configuration to optimise closure.

Slat Support

Braided ladders of 100% polyester yarn colour compatible with slats and spacing of ladder no more than 20mm.

Headrail

Shall be of channel section measuring 57mm wide and 51mm deep and rolled from pre-coated 0.4mm steel alloy 930052 AZ150.

Headrail Hardware

Shall be made to rigid specifications and where visible shall be molded in translucent engineering grade plastics.

Bottomrail

Shall be a roll-formed two piece bottomrail in painted aluminium which snaps together and the end caps will be frosted clear polymer.

Lifting Mechanism

Crashproof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Break-Thru Safety Tassel. Located on either side of individual blind unit as per architect's request.

Tilting Mechanism

Shall incorporate a precision molded worm shaft and gear, contained within a housing, to ensure smooth operation.

Tilt Rod

6.3m square rod.

Stringtape

Shall be of 2-ply ladder construction and woven from polyester fibre to rigid specifications. The pitch of the tape allows 9mm of slat overlap producing optimum closure.

Polyester Cord

Shall be 2.3mm diameter, comprising a core and braided jacket. It is specifically designed and constructed to operate with the cordlock. The cord shall have a breaking load of no less than 400 Newtons.

Cordlock

Shall be manufactured from polycarbonate, incorporating a stainless steel wear plate and nickel-plated brass cord rollers for durable performance. A cord-separating pin shall prevent cords from twisting in the cordlock.

Intermediate Installation Brackets

Shall be made from steel or be of pressed steel construction finished in clear passivated zinc plate and be suitable for either face or top mounting.

Finishes

Refer to colour card for colour sample.

SLAT finish selection from the following:

Standard: Sterling, Latte, Grey, Pearl Silver, Bright White, Pure Silk, Brilliant White, Rich cream, Pure Silk, Ice mint

Metallic: Sterling

Perforated: Sterling, Grey, Bright White, Brilliant White