



Juralco Aluminium Building Products Ltd designs and distributes specialist aluminium joinery systems through a national network of franchised fabricators and agents.

For more than 25 years we have been at the forefront of specialist aluminium door and window products suitable for New Zealand joinery and building methods. Our comprehensive product range includes security and insect screens, balustrades and gates, shutters and awnings, shower screens, wardrobe doors and organisers and internal doors.

The Juralco Riviera awning is a compact, ready-to-install system designed for exterior use where protection from the sun and rain is wanted. All components are made of aluminium alloy or powder-coated/galvanised steel, forming a highly resistant, lightweight, rust-proof construction. The awning is designed to suit many types of openings and dimensions and has straightforward installation. Riviera awning operation is either manual or by a tubular electric motor with a remote control. A wide range of attractive mildew and UV-resistant 100% acrylic fabrics is available, all with a 5-year guarantee.



New from Jan 2023. Important instructions for Powder Coatings near Salt Water

The new standard Dulux® powder coating systems used by Juralco are:

- Duralloy® (to be phased out) for structures greater than 100m from high tide and up to 3 stories high. Duralloy® has a 10 yr warranty.
- Duralloy Plus® (full Duralloy® colour range) for structures greater than 10m from high tide and up to 3 stories high. Duralloy Plus® has a 15 yr warranty.
- Duratec® for prestigious residential and commercial developments over 10m from high tide and over 3 stories high. Duratec® has a 25 yr warranty.

For all other applications, contact Juralco for alternative systems.

Note - Powder coated prices listed in Juralco price books are for Duralloy® or Duralloy Plus® systems. If the Duratec® system is required, it must be specified upon placement of the order and will incur a surcharge – Duratec® prices on application.

Important instructions for Powder Coating - Attachment to structures

PVC Tape or similar material spacer must be used to separate powder coated aluminium items from all concrete and steel structures. Failure to do so can cause the chemicals in the structure to affect the powder coating layer on the aluminium, leading to corrosion.

Powder Coating Warranty

The Dulux® powder coating warranty period is conditional upon the surface being maintained in accordance with Dulux's Care and Maintenance Instructions'. Contact your installer for a copy, download from Dulux®, or refer to the back page of this manual.

Juralco Riviera Awning System - General and Index

General Description - Pages 3 - 6

- A vertical Drop Down curtain system.
- The Drop Down system is available as a single unit up to 4000mm wide and comes in three types.
- The basic Clear Drop system, no side guides. The horizontal drop bar is secured to the floor.
- The Clear Drop Zipped system has side guides and side zippers. The sides and top are permanently installed into a face or reveal-mounted extrusion. The Clear Panel can be unzipped at each side and manually rolled up. Retained with clear plastic straps. No floor clips needed and draught-proof.
- Typical applications include decks, bars, shops, terraces, or anywhere needing protection from the sun, wind, or unexpected rain showers.
- Standard finishes - Aluminium Extrusions - Natural anodised. Cast aluminium items Bright Polished.

Riviera Clear Drop Down Awning - Pages 7 - 10

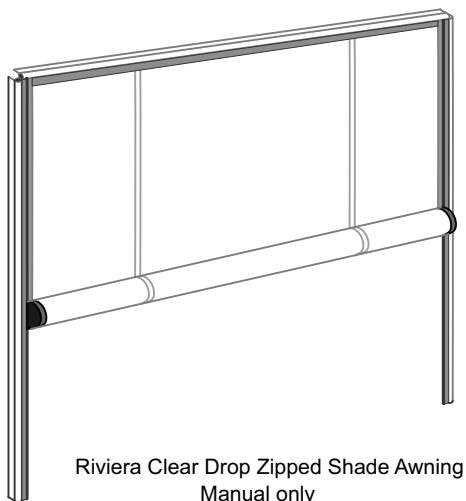
The awning is supplied pre-assembled with all necessary brackets, awning roll, and tie downs.

- **Axle assembly** - Roller tube axle. Mounting brackets and axle holders.
- **Awning fabric** - Clear plastic, or Fabric with sewn border in a selection of colours or a standard awning material.
- **Tie downs** - A variety of clips are available.
- **Drive - Manual** - A gearbox fitted to the end of the roller tube assists the operator to raise/lower the curtain.

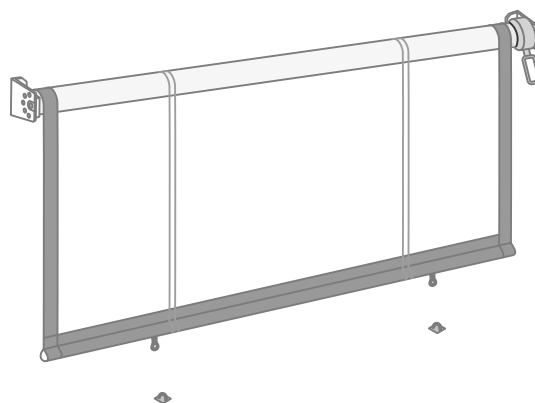
Riviera Clear Drop Down Zipped Awning - Pages 11 - 12

- The awning is supplied complete with all necessary extrusions, awning roll, and tie-ups.
- **Awning fabric** - Clear plastic, or fabric with sewn border in a selection of colours.
- **Track extrusion** - A selection of Natural Anodised only, black, or white.
- **Tie-ups** - Clear plastic straps and mounted clips. A variety of clips are available

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Riviera Clear Drop Zipped Shade Awning
Manual only



Riviera Clear Drop Shade Awning
Gearbox only



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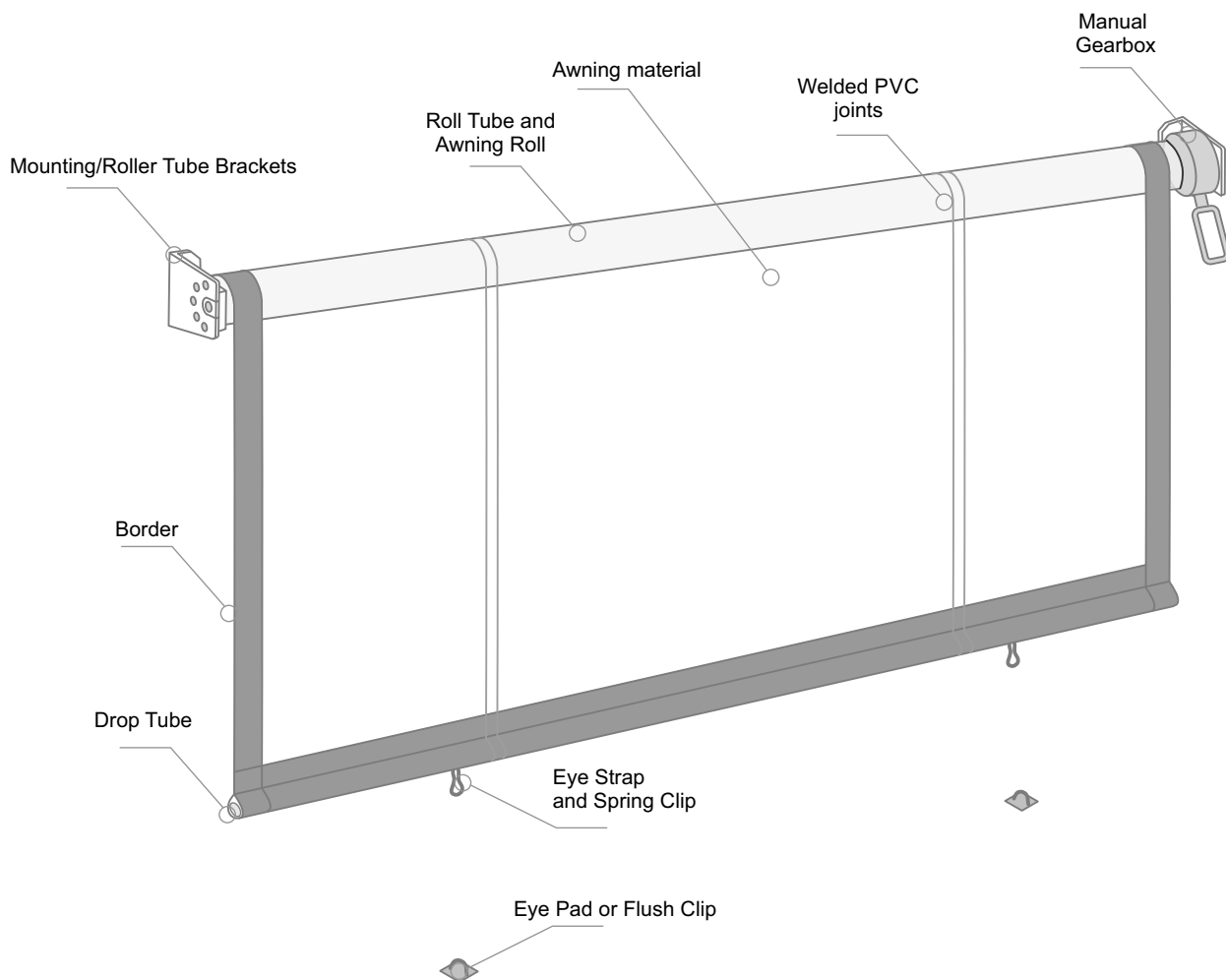
Juralco Riviera™ Awning System

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Juralco Riviera Awning System - General Descriptions

Riviera Drop Down Awning General

No side guides, as shown below.



Bannette Clear Drop	
Overall Width, max	4000mm
Overall Drop, max	3000mm
Sq meterage, max	10sq mt

The Juralco Riviera Clear Drop awning consists of :

Mounting /Roller Tube Brackets, made of cast aluminium suitable for face or soffit installation. Supports the ends of the Roller Tube.

Operation by means of a R1:7 gearbox/handle, only

Roller tube, 2mm wall aluminium extrusion 80mmdia, with a groove to fix the awning fabric. One end equipped with the operating system and the other mounted with a circular shaft.

Front profile, from extruded aluminium, 32mm dia to which are connected the drop tube clips.

Awning, either a clear plastic panel, complete with sewn in coloured border, or a standard awning material.

Awning Fabric - Dickson®, Planosol® or Solarview fabric ranges.

A selection of many fabrics in various colourways.

Awning fabrics will withstand wind, rain and pollution.

The fabrics are colour durable and resistant to most common chemicals, mildew, and UV degradation; all have a minimum five-year guarantee.

Finishes, Cast aluminium parts - powder coated Grey. Aluminium extrusions - natural anodised.

PVC Joints, Max PVC width 1350mm. Wider curtains will have welded vertical PVC joints. Joints may only be vertical - horizontal joints void PVC manufacturers warranty.

Refer page 7 for Fabric information



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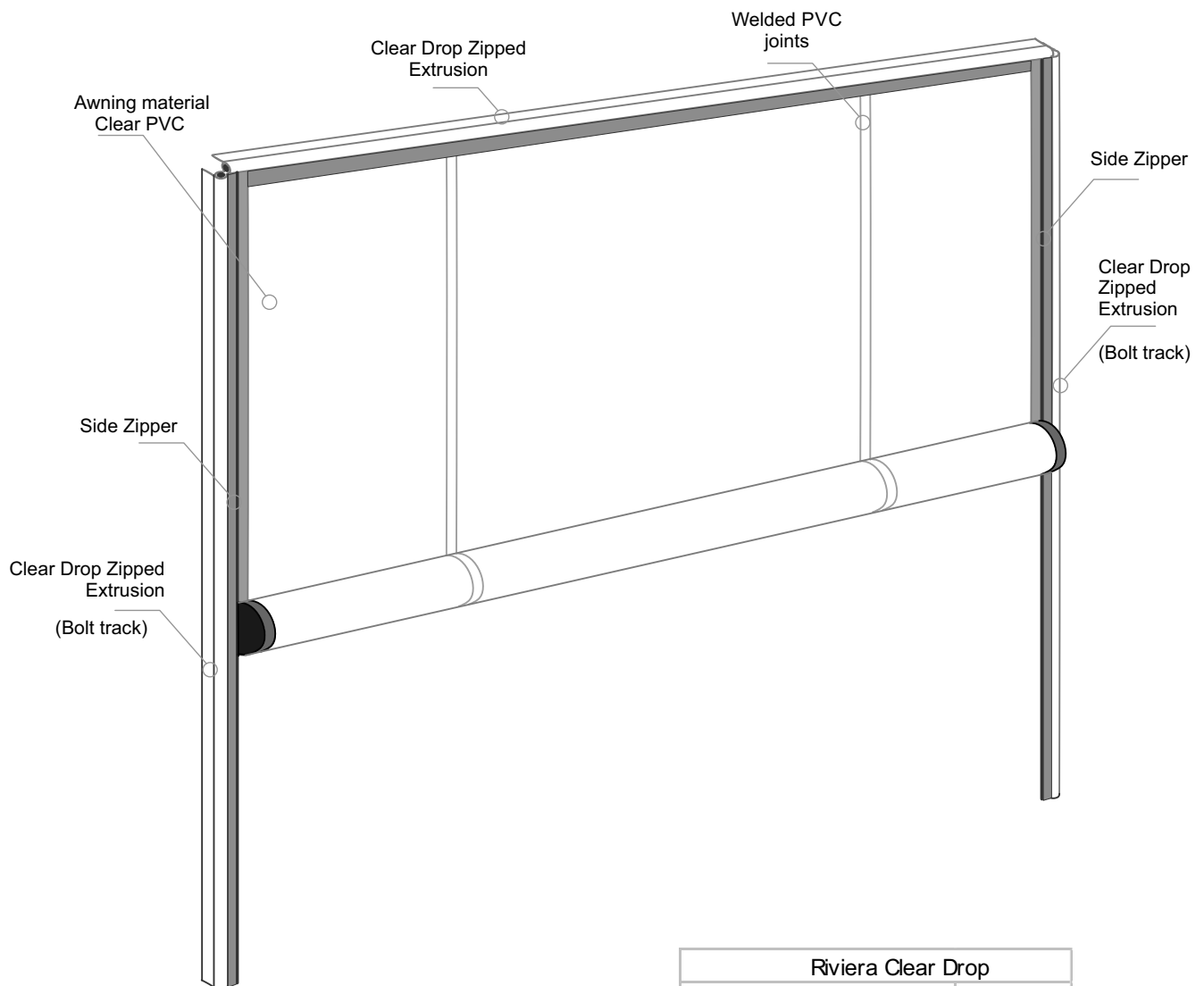
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Juralco Riviera Awning System - General Descriptions

Riviera Clear Drop Down Zipped Awning - General

Side guides and zipper, as shown below
Manual lift/drop only.
Plastic Tie ups are used to hold curtain roll in the raised position



Riviera Clear Drop	
Overall Width, max	4000mm
Overall Drop, max	3000mm
Sq meterage, max	10sq mt

The Juralco Riviera Clear Drop Zipped awning consists of:
Clear Drop Zipped Extrusion, JDA 11079, made of aluminium, suitable for face or soffit installation. Installed on 3 sides, the awning has ropes sewn in the top and both sides. These are permanently attached to the extrusion

Awning, either a clear plastic panel with sewn-in coloured border or a standard awning material.

Awning Fabric - Clear PVC only

Finishes, Cast aluminium parts - powder coated Grey.
Aluminium extrusions - Natural Anodised.

PVC Joints, Max PVC width 1350mm. Wider curtains will have welded vertical PVC joints. Joints may only be vertical - horizontal joints void PVC manufacturer's warranty.

Refer page 7 for Fabric information



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Juralco Riviera Awning System - Fabric Descriptions

Fabric Range

Dickson® Orchestra Awning & Outdoor Canvas

The outdoor fabric of choice when it comes to solar protection. Offering long-term protection against UV-rays, heat, glare, and inclement weather. Its solution-dyed Sunacryl acrylic fibres and special Cleangard® treatment give it exceptional long-term colour fastness and superior resistance to tearing, water damage and dirt.

Sunacryl, 100% solution-dyed acrylic: the colour is locked right into the very core of the fibres during manufacture (in contrast to the traditional yarn-dyeing process, whereby colours are applied to the finished yarn and remain on the surface). Dyed all the way through, this type of yarn ensures exceptionally long-lasting, ultra-vivid colours.

Followed by a special treatment, Cleangard®, the ultra-modern process for protecting outdoor fabrics, called NPP (Nanotechnology Protection Process), is based on an extremely dense assembly of nano molecules to create a genuine water barrier and prevent dirt from building up. It ensures optimal beading (5/5 on spray tests) and outstanding water resistance (350 mm in water column tests) according to official results.

Planosol® Awning Fabric

Planosol® is manufactured from 100% acrylic fibre and will retain a light fastness rating of 6-8 on a 1-8 scale.

Planosol® is very tightly woven, with minimal light transmission, resulting in excellent UV protection. It has an ultraviolet protection factor of 50+, the maximum value granted for the percentage of protection against UV rays and SPF100. Planosol® fabric will remain rot-resistant for 5 years under normal exposure conditions.

Clear PVC Film

A thick, hard-wearing, transparent PVC film. Principal use: for Clear Drop and Clear Drop Zipped

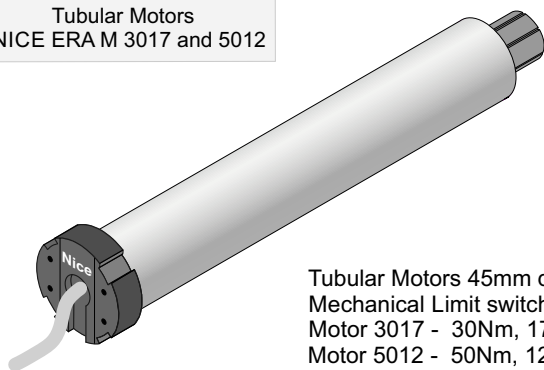
Can be joined (vertical joints only) to 4000mm wide max.

- Sewn on 50mm borders, Black or White

Clear Drop Material	Thickness	Spec
Polished, Flexible, Clear PVC Film x 1350mm wide	0.75mm	No Cadmium formulation. Incorporates UV Inhibitor

Juralco Riviera Awning System - In Line Motors and Controls

Tubular Motors JNICE ERA M 3017 and 5012



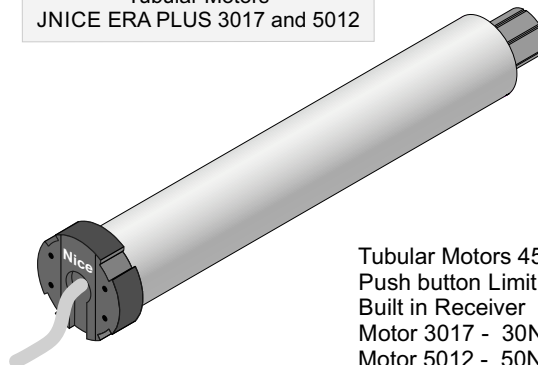
Tubular Motors 45mm dia
Mechanical Limit switches
Motor 3017 - 30Nm, 17rpm
Motor 5012 - 50Nm, 12rpm

POWER CABLE

Length 2.5 m, 4 wires in cable



Tubular Motors JNICE ERA PLUS 3017 and 5012



Tubular Motors 45mm dia
Push button Limit switches
Built in Receiver
Motor 3017 - 30Nm, 17rpm
Motor 5012 - 50Nm, 12rpm

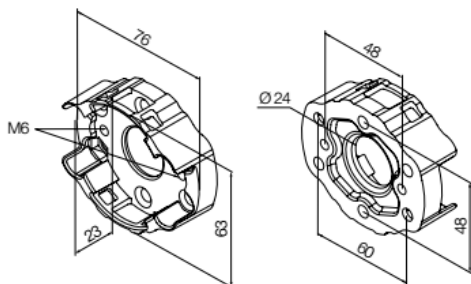
POWER CABLE

Cable length 2.5 m, 6 wires in cable



Motor Mount Brackets JNICE/BRKT/ERAM

For 45mm dia Motors
Compact aluminium
support. 2 x holes M6 at
48 and 60mm CL



Manual Switch Controls



Wall Controls

3 position Rotary Wall Switch
Up - Off - Close
Cover Plate - Part No SSW 770 CPSM
Switch - Part No SSW 770 RSB

Wireless Remote Controls



Wireless Modules

Modules are available in the following
configurations for Open, Stop, Close
operations, either in single or
multi group mode.

WM001G - 1 x Single or Multigroup
WM002G - 2 x Single or Multigroup
WM003G - 3 x Groups in Single or Multigroup
WM006G - 6 x Groups in Single or Multigroup

Standard Housings for Wireless Modules (above)



WAX
Table top or
Wall mount transmitter with magnetic
attachment to WWW Wall bracket



WWW Wall bracket for magnetic
attachment to WAX transmitter

Drive Wheel and Crown JNICE/45ROUND78



Motor Remote Control Sensors

Wind Sensor threshold has
3 wind speed settings
15, 30, 45 Kph



JNICE/WIND/S
Volo Wind Sensor

NEMO VIBE does not require any additional
connections because it is battery powered.
It screw attaches to the front of the awning.
During windy conditions, a signal (adjustable)
is sent via radio sensor to the motor mounted
in the awning, which then retracts the awning.



JNICE/NEMOVIBE
Vibration Sensor



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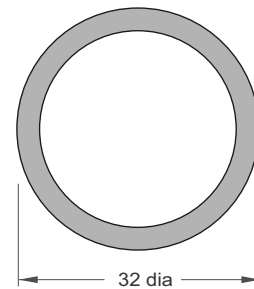
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Juralco Riviera Awning Systems - Drop Down Extrusions, Components

Clear Drop Extrusions



FRONT PROFILE
JA248

Gearbox Handles

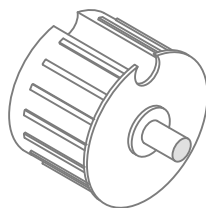


Gearbox Handle
Clip, Pt No
JDA/402 6500



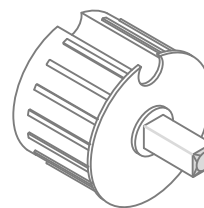
JDA/403 0431 - 1200mm
JDA/403 0593 - 1600mm
JDA/403 0595 - 2000mm

Roller Tube End Cap JDA/403 1325



80mm dia
12mm dia shaft
(adjustable)

Roller Tube End Cap JDA/403 1326



80mm dia
13mmsq shaft

Eye Strap JCA 2



Standard Attachment
to underside of drop tube

Eye Pad JCA 1



Fixed Full
Hook Clip

Spring Clip JCA 3



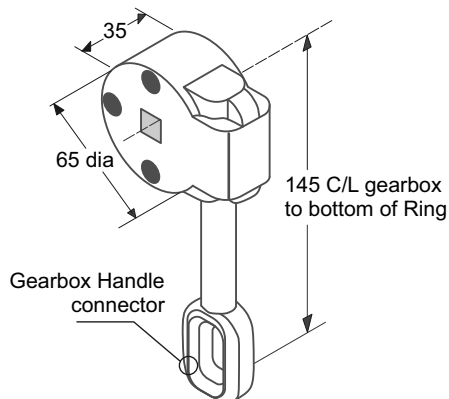
Carabineer Clip

Pad Eye, Folding JCA 4



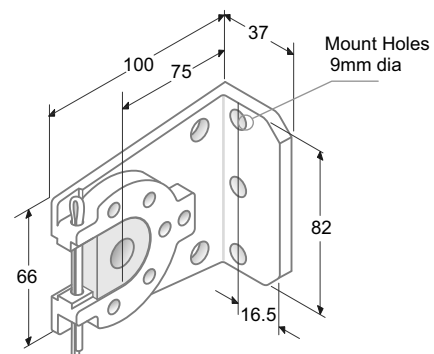
Flush Full
Hook Clip

Manual Gearbox 1:9 JDA/4032424



Gearbox Handle
connector

Roller Tube Mounting Bracket JBA/403 1542



Suitable for Ceiling or Face Fix



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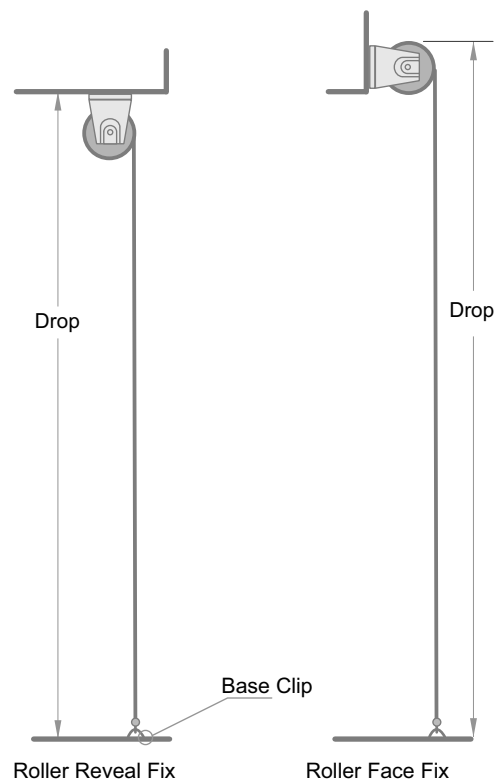
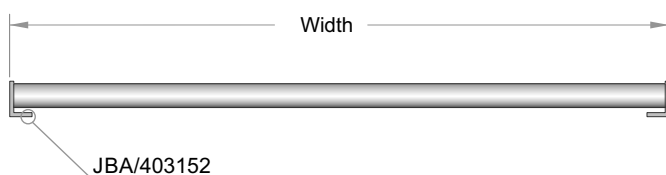
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Juralco Riviera Awning System - Drop Down Measuring, Installation

Clear Drop Measuring

Clear Drop on site Check List:

- 1 - Check the desired width and installation area, making sure there are no obstructions.
- 2 - Check that the Mounting brackets have secure fixing points.
- 3 - Check the base clips operation.
- 4 - Check the desired awning material.
- 5 - Check end for gearbox operation (no motor option).
- 6 - Check overall width 4000mm max, overall drop 3000mm max, Area 10sqmt max.



Clear Drop Installation

- 1 - Carefully unpack and check for damage. Note - **BE VERY CAREFUL THE AWNING IS NOT ACCIDENTLY CUT** during unpacking.
- 2 - Check the awning, making sure it has been made to site measurements.
- 3 - Mark out Roller Tube Mounting Bracket positions on Wall/Soffit. Install. Note - Brackets must be firmly mounted into the building structure.
- 4 - Insert the Awning/Roller tube 13mm dia axle into the bearing. Attach the Gearbox/Motor to the other bracket. Screw in place.
- 5 - Insert and tighten all screws.
- 6 - Test the awning opens and closes easily.
- 7 - Mark position of Base clips. Install. Check awning clips down easily.
- 8 - Always clean off all fingermarks, leave the site clean and tidy.



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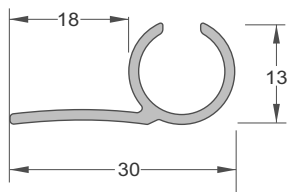
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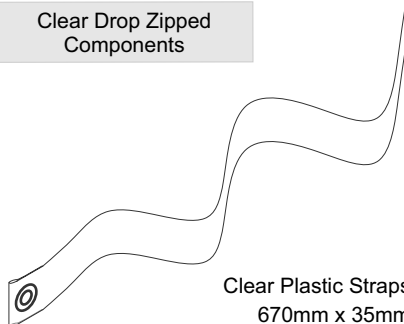
Juralco Riviera Awning Systems - Clear Drop Zipped Extrusions, Components

Clear Drop Zipped Extrusion

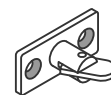


11.2mm dia Bolt TTrack
JDA/110 79/5

Clear Drop Zipped Components

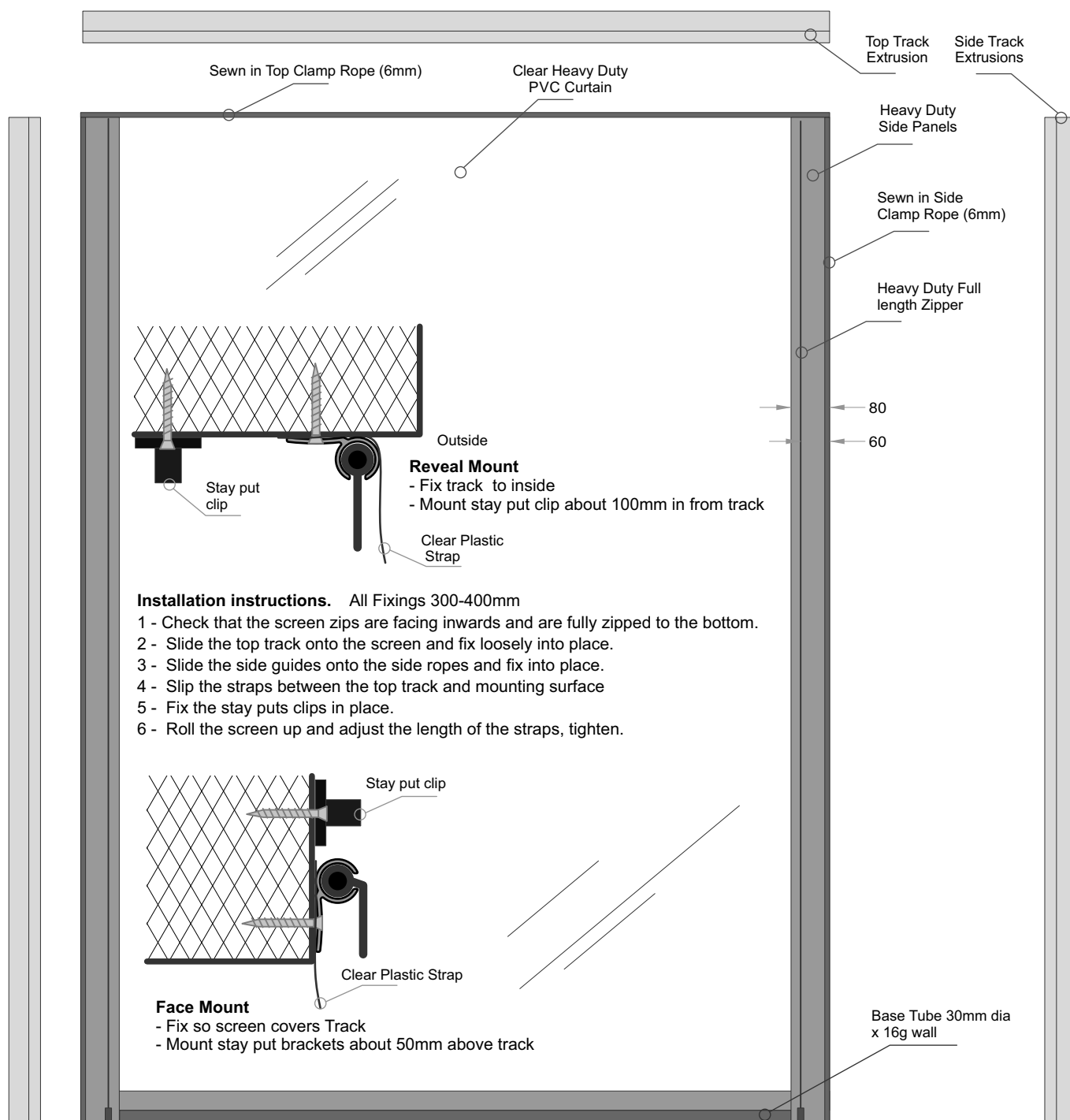


Clear Plastic Straps x 2
670mm x 35mm
Part No JBA/STRAP



Clear Drop Down Hooks x 2
Base 35mm x 16mm
JBA/FOLD/HOOK

Clear Drop Zipped Curtain Features



Installation instructions. All Fixings 300-400mm

- 1 - Check that the screen zips are facing inwards and are fully zipped to the bottom.
- 2 - Slide the top track onto the screen and fix loosely into place.
- 3 - Slide the side guides onto the side ropes and fix into place.
- 4 - Slip the straps between the top track and mounting surface
- 5 - Fix the stay puts clips in place.
- 6 - Roll the screen up and adjust the length of the straps, tighten.



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Juralco Riviera Awning System - Building Consents

These pages are an extract from the MBIE Exemptions Guidance for Schedule 1 of the Building Act 2004

- Building Work that does not require a Building consent - Section 8.6 to 8.8 of the guide, and Section 16 of the Building Act 2004 Schedule 1.
Online at www.building.govt.nz/assets/Uploads/projects-and-consents/building-work-consent-not-required-guidance.pdf
- This is Guide is from the Sixth edition Version 1 - October 2025.

While every effort has been made to ensure that this information is correct at time of writing, it is provided for guidance only and Juralco will accept no liability for, nor warrants the accuracy of this guidance. It is the sole responsibility of the of the purchaser to confirm current status of consent requirements with the relevant territorial authority before purchase and installation.

Awnings

8.6 Awning not exceeding 20 square metres (exemption 16)

This exemption relates to awnings not exceeding 20 square metres in size which are currently, or are to be, attached to a building's external envelope or exterior surfaces.

A building consent is typically not required for awnings up to 20 square metres that are attached to the ground floor or first storey of a building, provided they do not extend over any area accessible to the public

Schedule 1 of the Building Act 2004

16. Awnings not exceeding 20 square metres in size

Building work in connection with an awning that—

- (a) is on or attached to an existing building; and
- (b) is on the ground or first-storey level of the building; and
- (c) does not exceed 20 square metres in size; and
- (d) does not overhang any area accessible by the public, including private areas with limited public access, for example, restaurants and bars.

Juralco Riviera Awning System - Powder Coating Care and Maintenance

Powder Coating Installation Care

Warning re use of solvents:

- In some cases strong solvents are recommended for thinning various types of paints and also for cleaning up mastics and sealants.
- These can be harmful to the extended life of the powder coated surface, and must not be used for cleaning purposes.
- It is important to note that the damage will not be visible immediately and may take up to 12 months to develop.

If paint splashes or sealants and mastics need to be removed then the following may be safely used:
Methylated Spirits, Ethyl Alcohol, Isopropanol or preferably a mild detergent in warm water.

Joinery Protection during Installation:

All the activity on a construction site means that your powder coated items may get knocked or scratched, splattered with mortar, plaster, textured coating or paint during the later stages of construction.

Please ensure that all powder coated articles are masked or covered at this time. It is far easier to prevent accidents than to try and correct them. Should your joinery receive mortar or paint splashes see that these are removed before cure and follow the instructions contained in this brochure.

Typical sticker used to warn other trades of the need to protect and mask off powder coated joinery (applies to anodised joinery also)

"IMPORTANT ALL TRADES"
This valuable aluminium joinery will suffer permanent damage from: plaster, mortar and paint splashes - Protect if splashes occur - Immediately wash down joinery with water or meths - Do not allow splashes to harden! ~ Do not use solvents! - Do not remove this label until final clean completed.

This photograph displays damage that has occurred on site, post installation. The photo of the masked joinery displays clear signs of damage that could have occurred were it not masked. Please ensure that your joinery is protected right through the entire construction process.



Powder Coating Maintenance

External - Maintenance Program:

To extend the life of external powder coated articles and to comply with warranty requirements for powder coated aluminium joinery, a simple, regular maintenance program must be implemented.

The effects of ultra violet light, atmospheric pollution, dirt, grime and airborne salt deposits will all accumulate over time and must be removed or surface staining and weathering will occur, leading to an unsightly appearance.

For external coatings, cleaning should take place every six months. In areas where pollutants are more prevalent, such as beachfront houses and industrial or geothermal areas, then a cleaning program should be carried out on a more frequent basis ie. every one to three months.

Cleaning your powder coating:

1. Carefully remove any loose surface deposits with a wet sponge.
2. Use a soft brush (non abrasive) and a mild household detergent (do not use solvents) in warm water, remove dust, salt and other deposits.
3. Rinse off with clean fresh water.



Restoring weathered or scratched surfaces:

Repair of Scuffed or Scratched surfaces

Dulux® Spray Cans are available in all colour card colours.

Repair of Small Scratches or Chips.

Dulux® Dabsticks are ideally suited for the repair of small scratches. Dabsticks may not be available in all colour card colours.

Repair of Weathered areas .

Dulux® Gloss Up is a light to medium cutting cream ideally suited for gloss restoration and has been specifically designed for this purpose. Gloss Up contains no waxes or silicone and is a one step system.



Contact Dulux® Powder Coatings , ph 0064 9 441 8244

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