



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 Felicia Awning is a compact, ready-to-install, cantilevered folding twin arm awning system designed for outside use where protection is needed from sun or light rain. All the components are made of aluminium alloy, ABS plastic or stainless steel, forming a highly-resistant, lightweight, rust-proof construction.

This Guide is intended for use by Architects, Specifiers and Fabricators
Pages 2 - 4 cover general areas, while pages 5 onwards are intended for Fabricators.



General Description

- The Juralco Felicia Awning system is available as a single unit up to 5.9mt wide, with a max 3.5mt awning extension.
- Typical applications include Decks, Bars, Shops, Terraces, or anywhere needing protection from the sun, or light rain.
The awning is supplied pre assembled, all necessary brackets, awning roll and two arm units.
- **Box** - Supplied as a single, enclosed unit complete with mounting brackets. Attachment by end brackets, either wall or ceiling mount.
- **Awning fabric** - Many styles available, all mildew and UV resistant. A valance to match can be fitted if required.
- **Drive - Manual** - A gearbox fitted to the end of the roller tube assists the operator to raise/lower the curtain.
- **Drive - Motorised** - An inline tubular motor retracts the awning automatically.
The motor is wired to a 3 position switch in-off-out. Remote wireless controls available. Optional wind sensor.
- **Arms** - Factory set spring loaded arms evenly tension the fabric cover, and absorb movement in windy conditions.
- **Slope** - Awning angle adjustable. For Wall mount 0 to 38 degrees down and for Ceiling mount 0 to 58 degrees down.
- **Finish** - All Aluminium, powder coated colour of your choice. Arms powder coat Silver only.
- **Wind** - As for all Awnings, care must be taken when installing in Wind prone areas. A Volo wind sensor is strongly recommended.

Important instructions for Powder Coatings near Salt Water

The standard Dulux powder coating system used by Juralco is Duralloy® and is suitable for installations greater than 100 metres from high tide level and for buildings up to 3 stories above ground. Use Duratec® for installations between 10 and 100 metres from high tide level and for prestigious residential and commercial developments. For all other applications contact Juralco for alternative systems.

Note - Powder coated prices listed in Juralco price books are for the standard Duralloy® system. 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

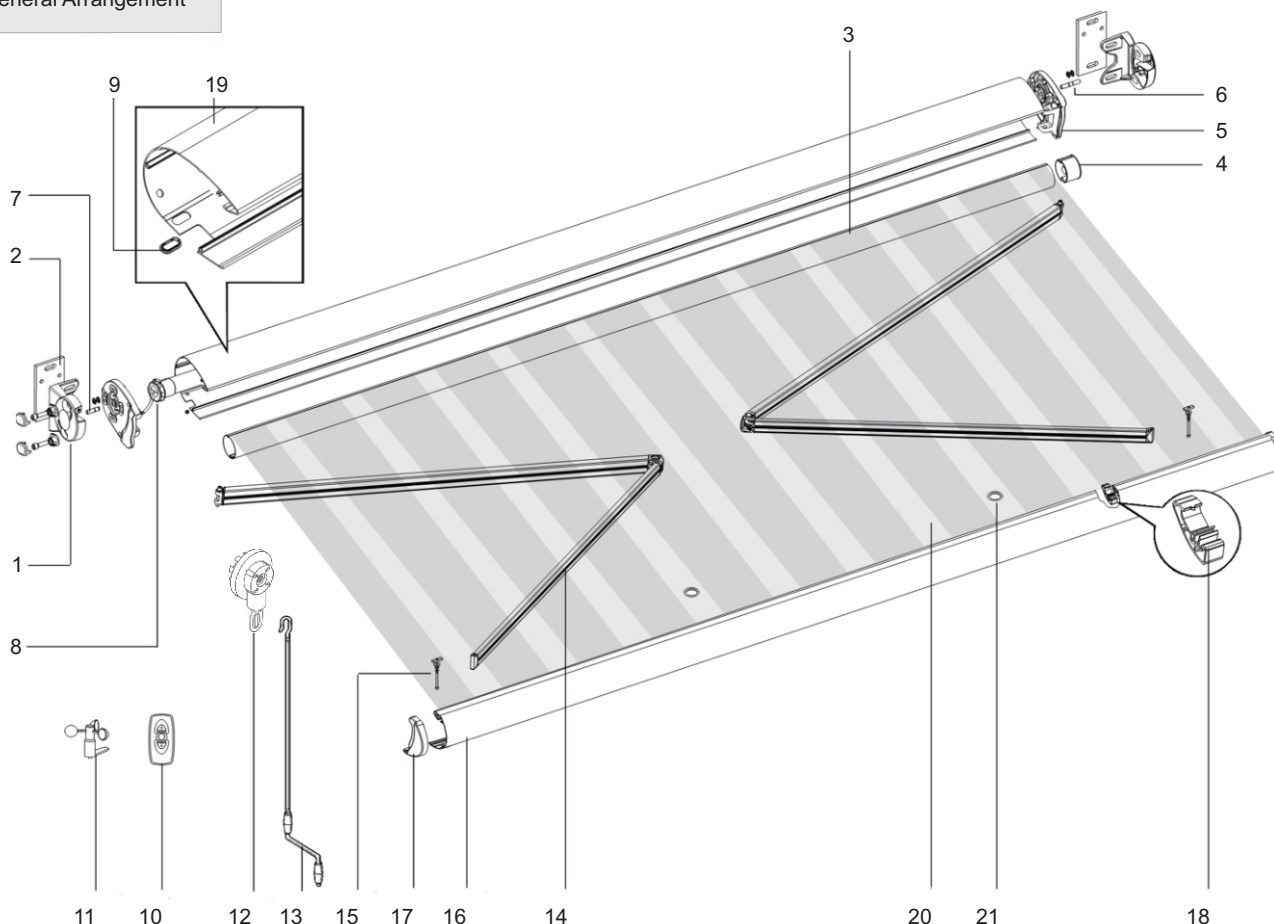
An EPDM or similar material spacer must be used to separate powder coated aluminium items from all timber, concrete and steel structures. Failure to do so can lead to the chemicals in the structure affecting the powder coating layer on the aluminium.

Powder Coating Warranty

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

Juralco Felicia Awning System - General Arrangement

General Arrangement



Fixings

- 1 - Aluminium Fixing Bracket
- 2 - Aluminium Fixing Plate (for special conditions, see p7)

Rolling Components

- 3 - 80mm RollerTube
- 4 - Tube End Cap for the side opposite the operating mechanism
- 5 - Head Box End Cap with mount for the arm
- 6 - 12mm spindle on side opposite the operating mechanism
- 7 - 12mm spindle on operating mechanism side

Operating Mechanism

- 8 - Hard-wired 230v inline motor
- 9 - End stop access plugs
- 10 - Remote control - optional
- 11 - Wind sensor - optional
- 12 - Gearbox (for manual operation option)
- 13 - Crank (for manual operation option)

Arms

- 14 - Folding Arms
- 15 - Stainless Bolt

Front Profile

- 16 - Aluminium Front Profile extrusion
- 17 - Front Profile End cap
- 18 - Arm Closer

Head Box

- 19 - Aluminium Box extrusion

Awning

- 20 - Dixon or Planosol Fabric Awning
- 21 - Optional Drainage Eyelets

Not Shown - Valance option.

Removable Straight type included

Scalloped, optional



Dicksons 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 nanomolecules which 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 Ultraviolet Protection factor of 50+, maximum value granted for percentage of protection against UV ray and SPF 100. Planosol fabric will remain resistant for 5 years under normal exposure conditions.

Note: It is recommended that eyelets are fitted to the front edge of the fabric, to promote draining.



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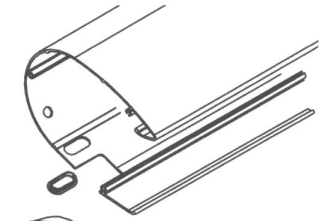
Juralco Felicia Awning System

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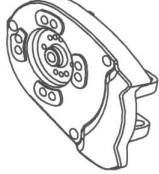
Page 3

Juralco Felicia Awning System - General Components

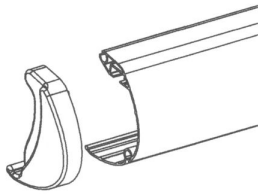
General Components



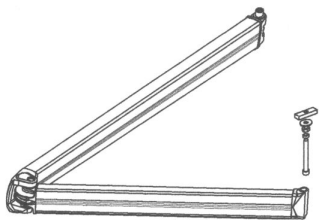
HEAD BOX, extruded aluminium
Powder coated in a colour of your choice
Gives effective protection for the canvas, operating mechanism and arms, which are hidden from view when retracted.



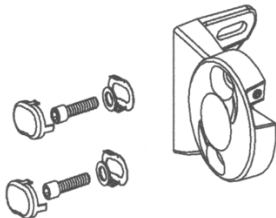
HEAD BOX END CAP, heavy wall cast aluminium
Powder coated in a colour of your choice
This end cap is the most important part of the awning. It is the component to which the rolling tube, casing and operating mechanism are all mounted, as well as being the attachment point for the arm.



FRONT PROFILE, extruded aluminium
Powder coated in a colour of your choice
Sealed at both ends by polyamide end caps, it's specially designed shape allows the casing to close completely when the arms are retracted.



ARMS
Powder Silver only
The arms consist of extruded aluminium sections, cast aluminium hinge joints and extension springs which are connected internally by sheathed cables. They are capable of supporting extensions of 1500, 2000, 2500, 3000 and 3500mm, and are produced in two sizes, according to the size the extension and width of the awning. They attach directly to the end caps of the casing at either end of the awning and require no adjustment.



FIXING BRACKET in heavy wall cast aluminium
Powder coated in a colour of your choice
Used in pairs and fixed directly onto the facings at both ends of the awning. They house the spindles for the casing and can be used for either wall or ceiling mounting.



MANUAL GEARBOX
A reduction gearbox featuring 1:7 ratio and integral end stops. Crank arm available in lengths of 1200, 1600 and 2000mm

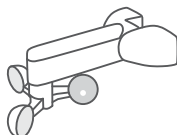


Note: On automated awnings the limit switches may require adjustment after the canvas has settled

MOTOR CONTROLS
1 - Hardwired 3 way switch



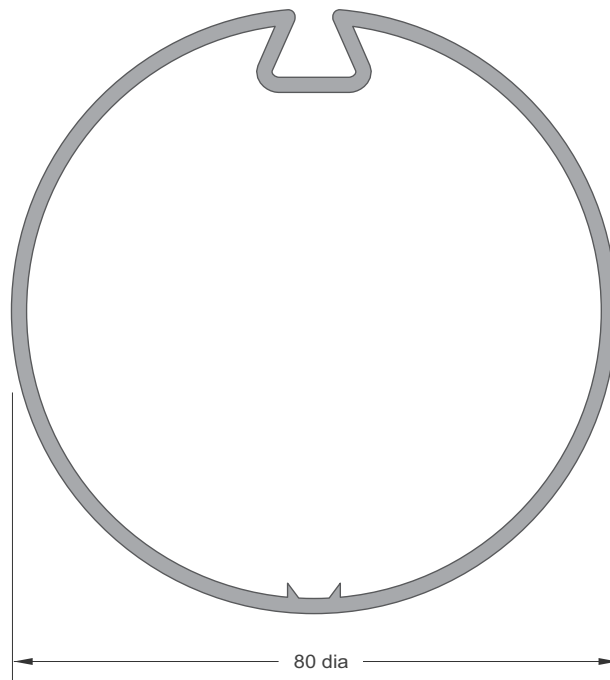
2 - Wireless control



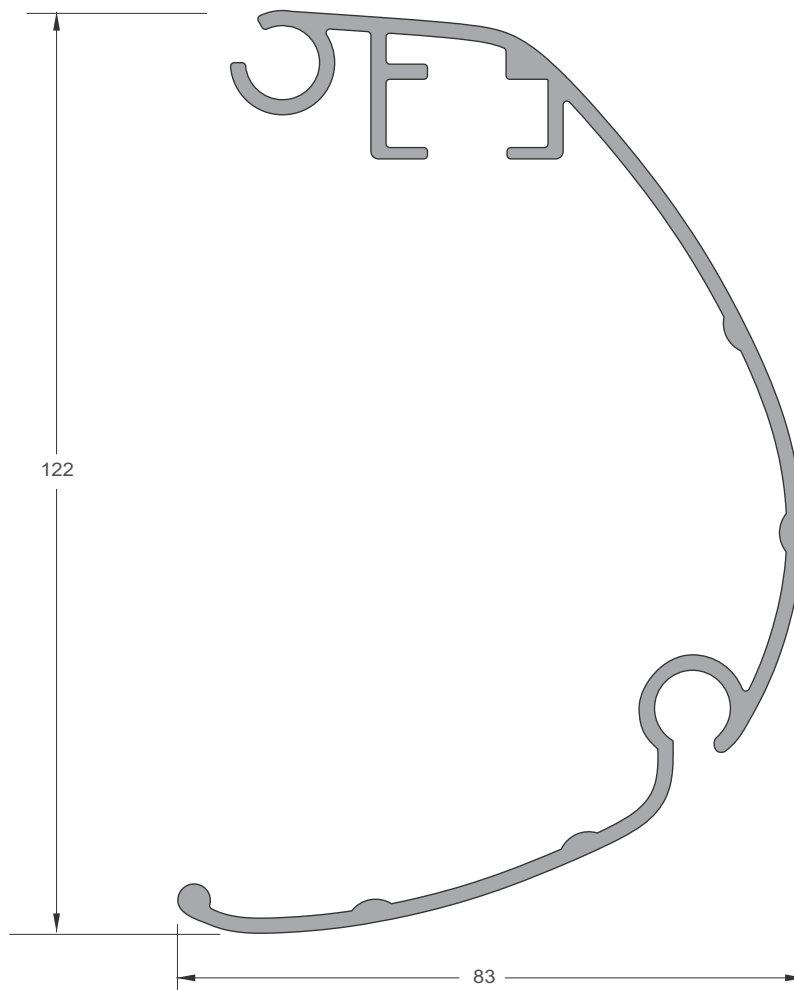
3 - Optional Wind Sensor, to automatically protect the awning



Juralco Felicia Awning System - Extrusions

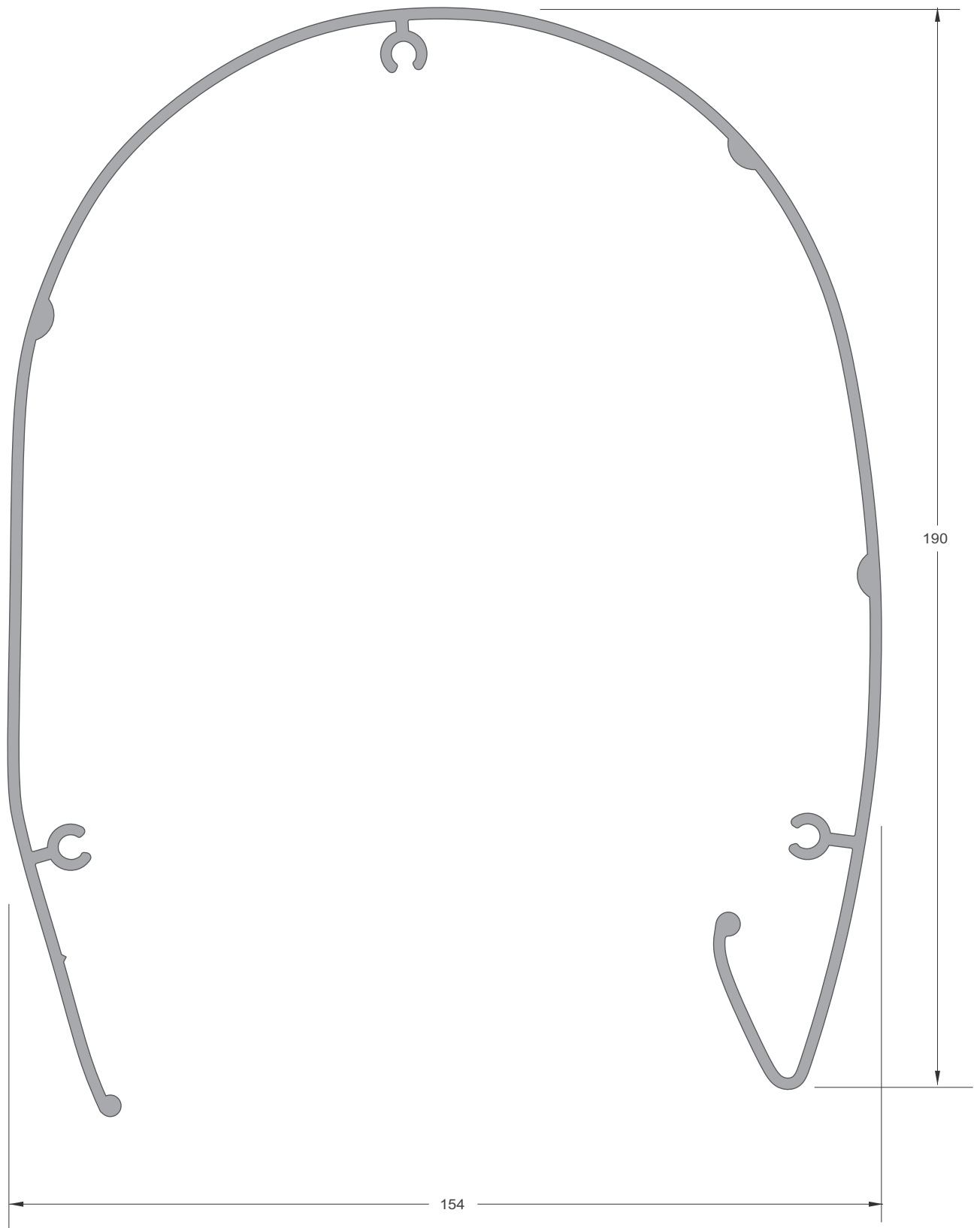


ROLLER TUBE, 80mm dia
Part No JDA/11074



FRONT PROFILE
Part No JFA/4036182

Juralco Felicia Awning System - Extrusions

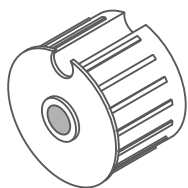


HEAD BOX,
Part No JFA/4036184



Juralco Felicia Awning System - Components

Roller Tube End Cap
Part No JFA/4090689



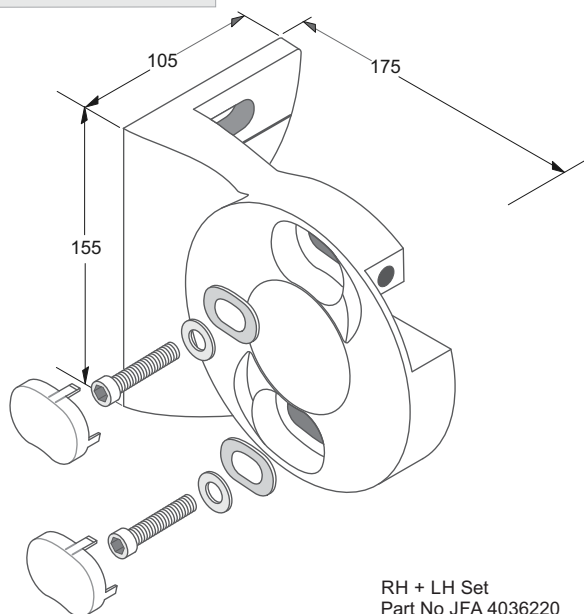
80mm dia
12mm dia hole

Stile Plug
Part No SJ037



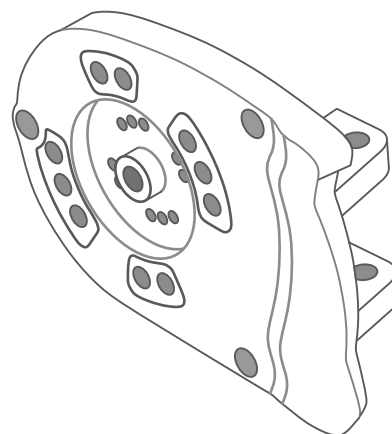
For Motor limit stop adjust

Fixing Bracket Set



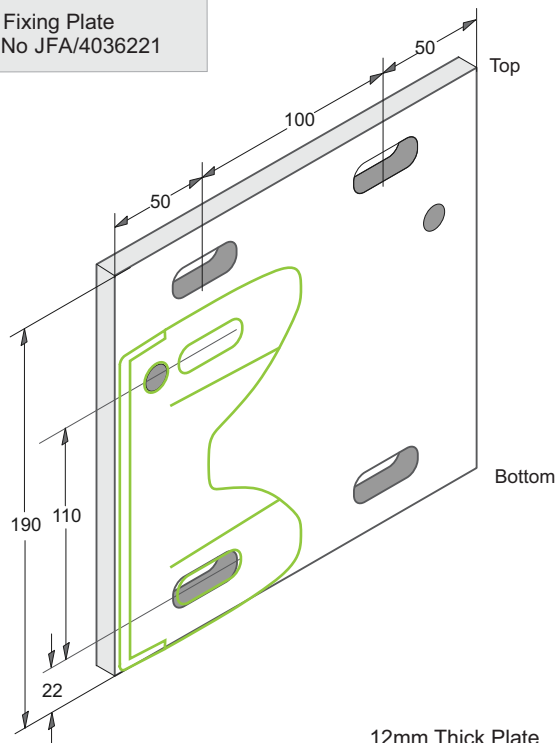
RH + LH Set
Part No JFA 4036220

Head Box End Caps



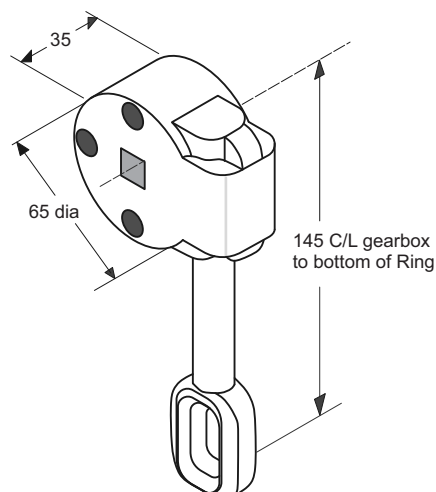
RH + LH Set
For Large Arm Part No JFA 4036215
For Small Arm Part No JFA 4036211

Fixing Plate
Part No JFA/4036221



12mm Thick Plate
(shown as Wall mount)
Must be used on Awnings with a width greater than 4.5mt
or an extension greater than 3.0mt

Manual Gearbox
Part No JDA/4032423



Gear Ratio 1:7
Incorporates a Limit Stop



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Juralco Felicia Awning System

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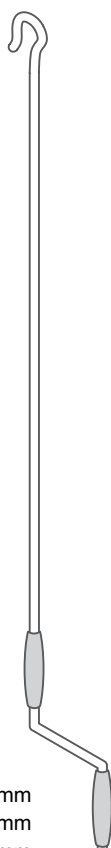
Juralco Felicia Awning System - Components

Gearbox Handle

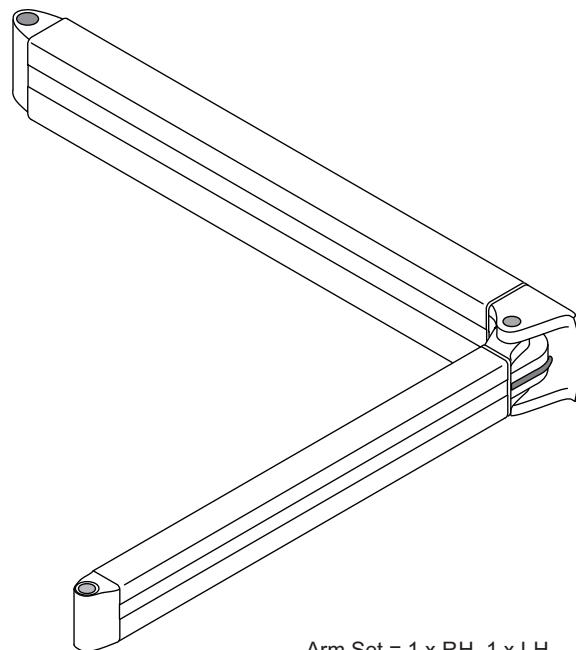
**Gearbox Handle
Clip, Pt No
JDA 4026500**



Part No JDA/4030431 - 1200mm
Part No JDA/4030593 - 1600mm
Part No JDA/4030595 - 2000mm
Part No JDA/4030833 - 2400mm



Folding Arms



Arm Set = 1 x RH, 1 x LH

Small Arm Part No JDA/4039708 - 1500mm (Single Wire)
Part No JDA/4039716 - 2000mm (Single Wire)

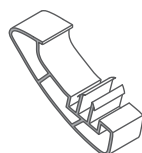
Large Arm Part No JDA/4039720 - 2500mm (Double Wire)
Part No JDA/4039724 - 3000mm (Double Wire)
Part No JDA/4039728 - 3500mm (Double Wire)

**Front Profile End Cap
Part No JFA/4036271**



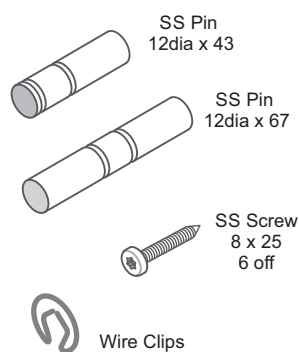
Front Profile End Cap set
= 1 x RH, 1 x LH

**Arm Pusher
Part No JFA/4032799**



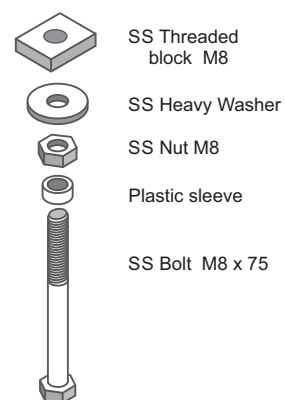
Arm Pusher set = 1 off.
White Plastic

**Roller Tube Pin Set
Part No JFA/4036235**



Roller Pin set = 1 off

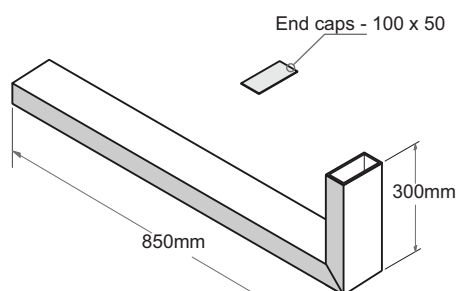
**Folding Arm Attach Set
Part No JFA/4036223**



SS Bolt set = 2 off

**Soffit Fixing Bracket
Part No JFA/SFBRKT**

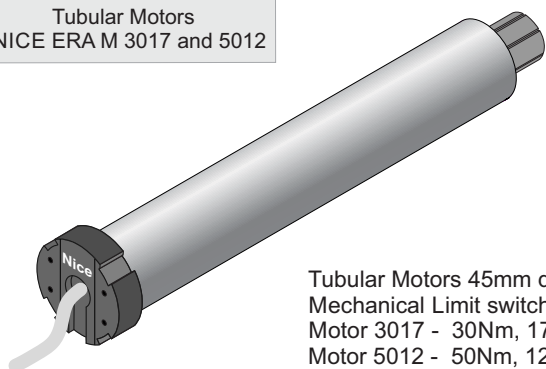
To be ordered
ex factory in pairs.



See p14 for
more detail

Juralco Felicia Awning System - In Line Motors and Controls

Tubular Motors JNICE ERA M 3017 and 5012



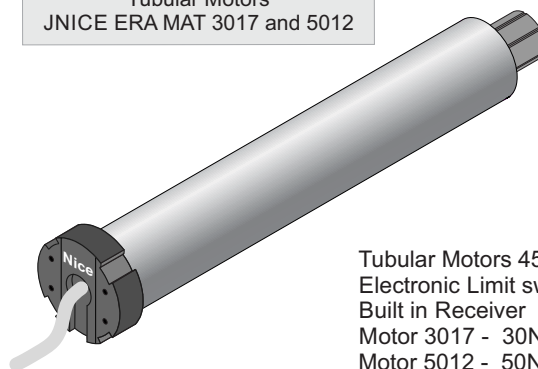
Tubular Motors 45mm dia
Mechanical Limit switches
Motor 3017 - 30Nm, 17rpm
Motor 5012 - 50Nm, 12rpm

POWER CABLE

Length 2.5 m, 4 wires in cable



Tubular Motors JNICE ERA MAT 3017 and 5012



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

POWER CABLE

Cable length 2.5 m, 6 wires in cable



Manual Switch Controls

Wall Controls

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



Wireless Remote Controls

Wireless Modules

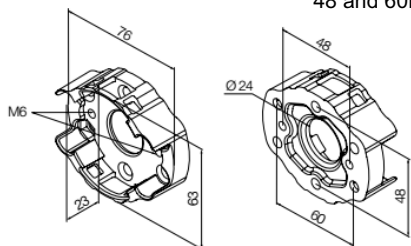


Modules are available in the following configurations for Open, Stop, Close operations, either in single or multi group mode.

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

Motor Mount Brackets NICE 535.10092

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



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

Optional Wind Sensor for Wireless Modules (above)

JNICE/VOLO
Wind Sensor



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

Optional Sun/Rain Sensor for Wireless Modules (above)

JNICE/NEMO/SRT
Sun and Rain Sensor



Sun Sensor has
settable range 5 - 60klux
Rain sensor on/off



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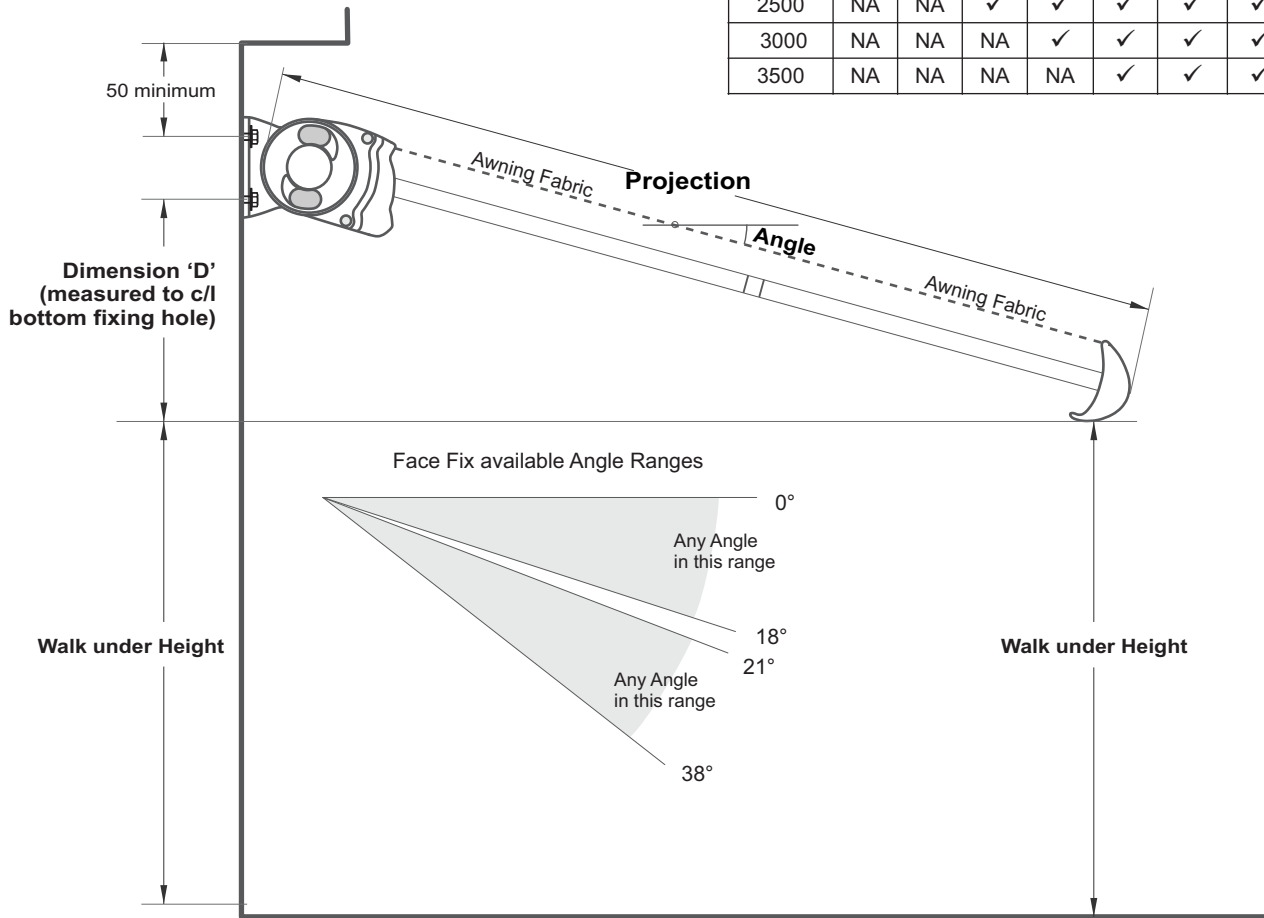
Juralco Felicia Awning System - Measuring

Measuring
Face Fix

Applies to Face Fix only

This Table for Low and Medium Wind Zones
For High Wind Zones please consult Juralco

Projection	Widths, Up to								
	2000	2500	3000	3500	4000	4500	5000	5500	5920
1500	✓	✓	✓	✓	✓	✓	✓	✓	✓
2000	NA	✓	✓	✓	✓	✓	✓	✓	✓
2500	NA	NA	✓	✓	✓	✓	✓	✓	✓
3000	NA	NA	NA	✓	✓	✓	✓	✓	✓
3500	NA	NA	NA	NA	✓	✓	✓	✓	✓



Tables giving a nominal 'D', from Projection at various angles

1 - Angles between 18 and 21 degrees and greater than 38degrees not obtainable

2 - Projections greater than 3500mm not possible

Add Walk under Height to Dimension 'D' to get total Height Floor to C/I bottom Hole

5 Degree Tilt		10 Degree Tilt		15 Degree Tilt		21 Degree Tilt		25 Degree Tilt		30 Degree Tilt		35 Degree Tilt	
Projection	'D'	Projection	'D'	Projection	'D'	Projection	'D'	Projection	'D'	Projection	'D'	Projection	'D'
1500	135	1500	260	1500	370	1500	505	1500	595	1500	695	1500	800
2000	180	2000	345	2000	500	2000	685	2000	805	2000	945	2000	1085
2500	225	2500	430	2500	630	2500	865	2500	1015	2500	1195	2500	1370
3000	270	3000	515	3000	760	3000	1045	3000	1225	3000	1445	3000	1655
3500	310	3500	600	3500	890	3500	1225	3500	1435	3500	1695	3500	1940

Approximate calculations only - Fine tune the angle to get a desired Walk under height

Minimum Awning Widths
for correct Arm operation
at various Projections

Projection	Width
1500	1820
2000	2310
2500	2830
3000	3330
3500	3820



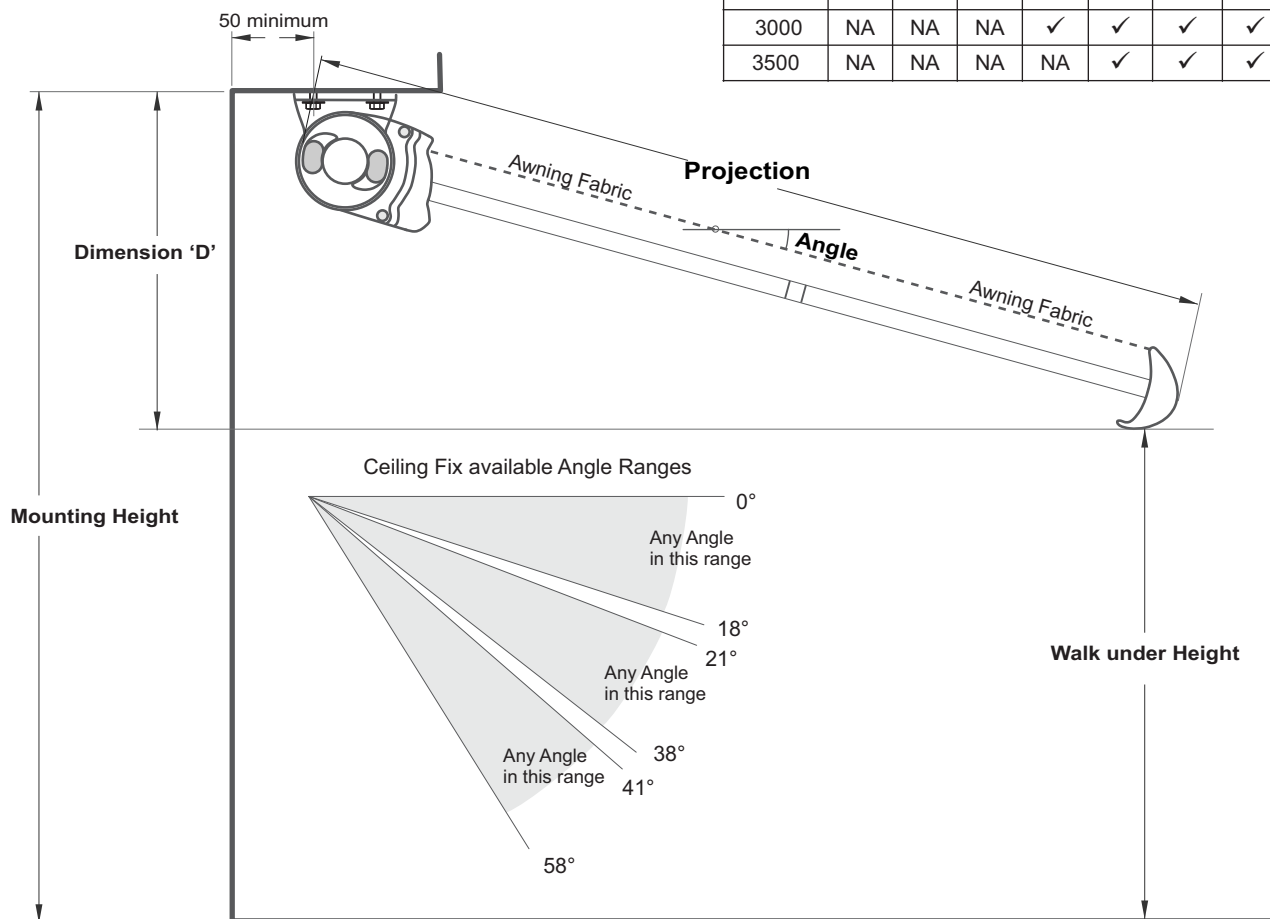
Juralco Felicia Awning System - Measuring

Measuring
Ceiling Fix

Applies to Ceiling Fix only

This Table for Low and Medium Wind Zones
For High Wind Zones please consult Juralco

Projection	Widths, Up to								
	2000	2500	3000	3500	4000	4500	5000	5500	5920
1500	✓	✓	✓	✓	✓	✓	✓	✓	✓
2000	NA	✓	✓	✓	✓	✓	✓	✓	✓
2500	NA	NA	✓	✓	✓	✓	✓	✓	✓
3000	NA	NA	NA	✓	✓	✓	✓	✓	✓
3500	NA	NA	NA	NA	✓	✓	✓	✓	✓



Tables giving a nominal 'D', from Projection at various angles

1 - Angles between 18 and 21, 38 and 41 degrees and greater than 58degrees not obtainable

2 - Projections greater than 3500mm not possible

Subtract Dimension 'D' from Mounting Height to get Walk under Height

5 Degree Tilt		10 Degree Tilt		15 Degree Tilt		21 Degree Tilt		25 Degree Tilt		30 Degree Tilt		35 Degree Tilt	
Projection	'D'	Projection	'D'	Projection	'D'	Projection	'D'	Projection	'D'	Projection	'D'	Projection	'D'
1500	300	1500	425	1500	535	1500	670	1500	760	1500	860	1500	965
2000	345	2000	510	2000	665	2000	850	2000	970	2000	1110	2000	1250
2500	390	2500	595	2500	795	2500	1030	2500	1180	2500	1360	2500	1535
3000	270	3000	680	3000	925	3000	1210	3000	1390	3000	1610	3000	1820
3500	475	3500	765	3500	1055	3500	1390	3500	1600	3500	1860	3500	2105

Approximate calculations only - Fine tune the angle to get a desired Walk under height

Minimum Awning Widths
for correct Arm operation
at various Projections

Projection	Width
1500	1820
2000	2310
2500	2830
3000	3330
3500	3820



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Juralco Felicia Awning System - Installation

Tools

Tools Needed.

- Stepladder
- Drill, extension cable
- Screwdrivers
- Selection of SS screws
- Tape measure
- Levels
- Soft Hammer
- Allen keys 6mm
- Open ended spanners
13mm, 17mm, 19mm

Contents, Awning Package

Awning Roll, Head Box,
Arms, and Front Profile.
Manual gearbox or inline motor

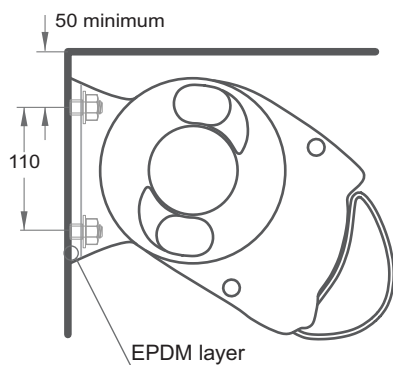
Fixing Brackets
1 x LH + RH set

Options

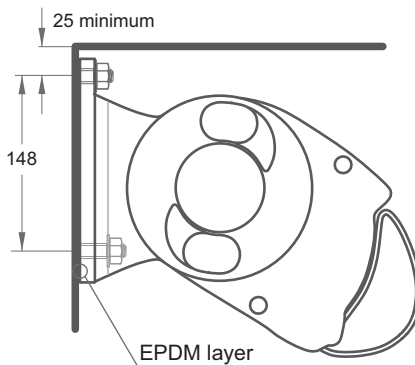
- Fixing plates x 2
- Handle for manual gear box operation
- Motor controls, switched or remote.
- Volo wind sensor

Site Setouts

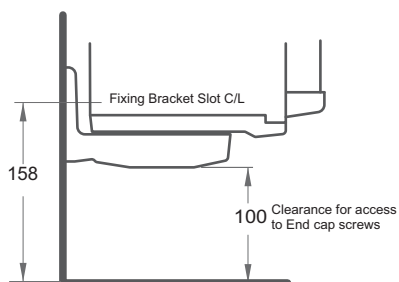
- Notes - Mark out the fixing bracket mounting holes on the wall or ceiling
- Observe the clearances as below
 - Check for Manual gearbox operation at steep angles
 - There must be a EPDM layer between base plate and structure
 - All fixings must be SS



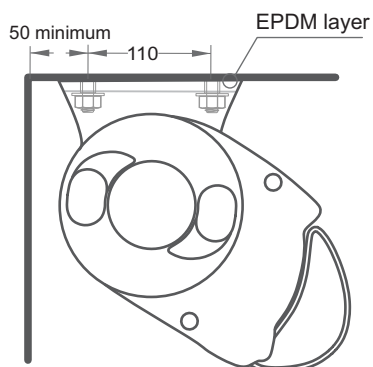
Face Mount - No Fixing Plate



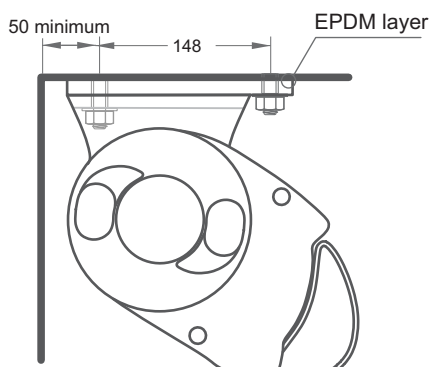
Face Mount - Including Fixing Plate



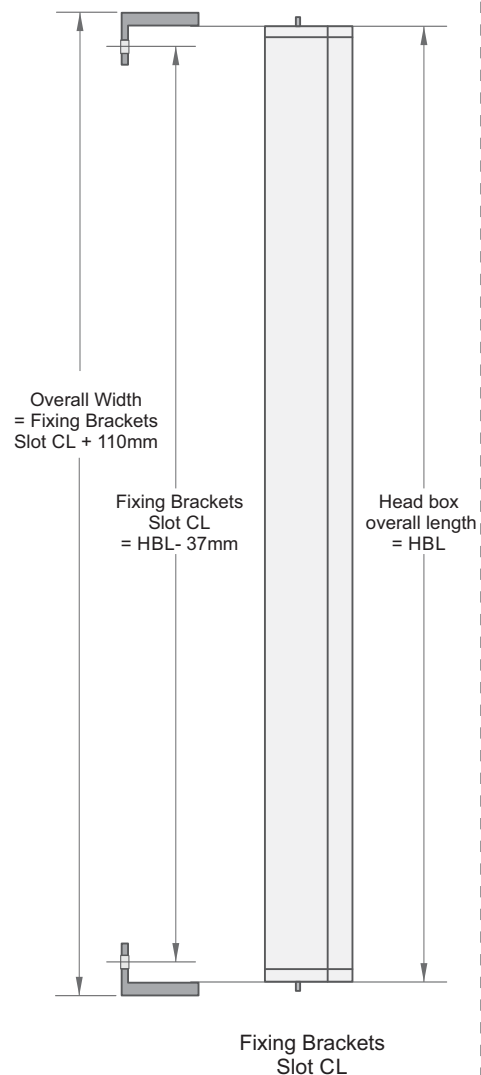
End Clearances - Wall or Ceiling



Ceiling Mount - No Fixing Plate



Ceiling Mount - Including Fixing Plate



Fixing Brackets
Slot CL



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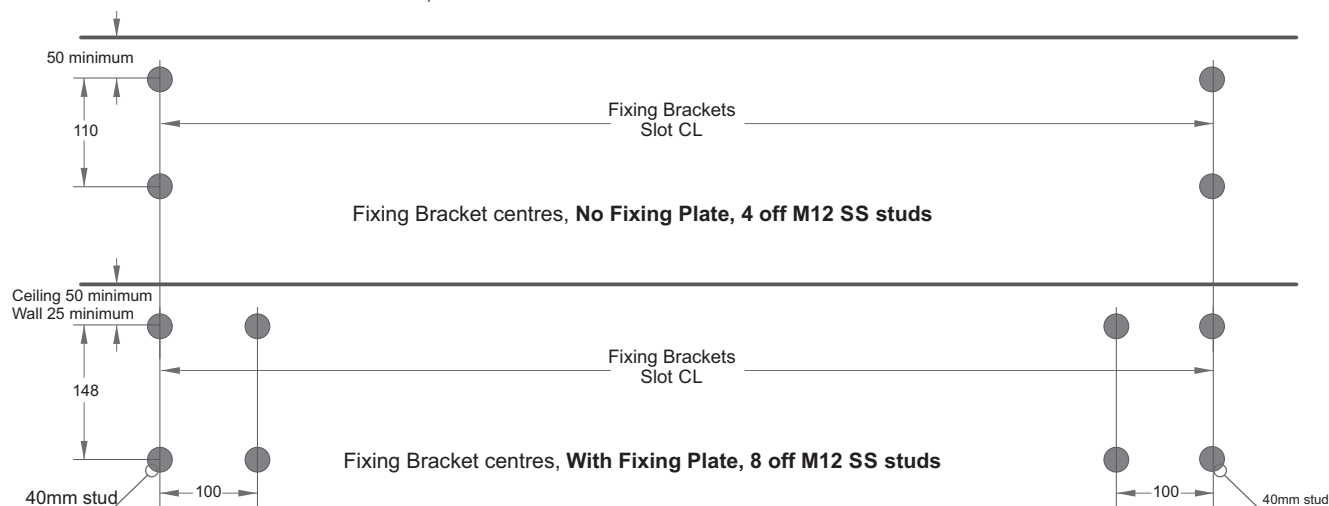
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Juralco Felicia Awning System - Installation

Stud Setout

Recommended Hole Sizes.

- Wood - For M12 SS coach screws - 8 - 9mm hole
- Concrete, Brick - For M12SS Studs - 12.5mm Hole



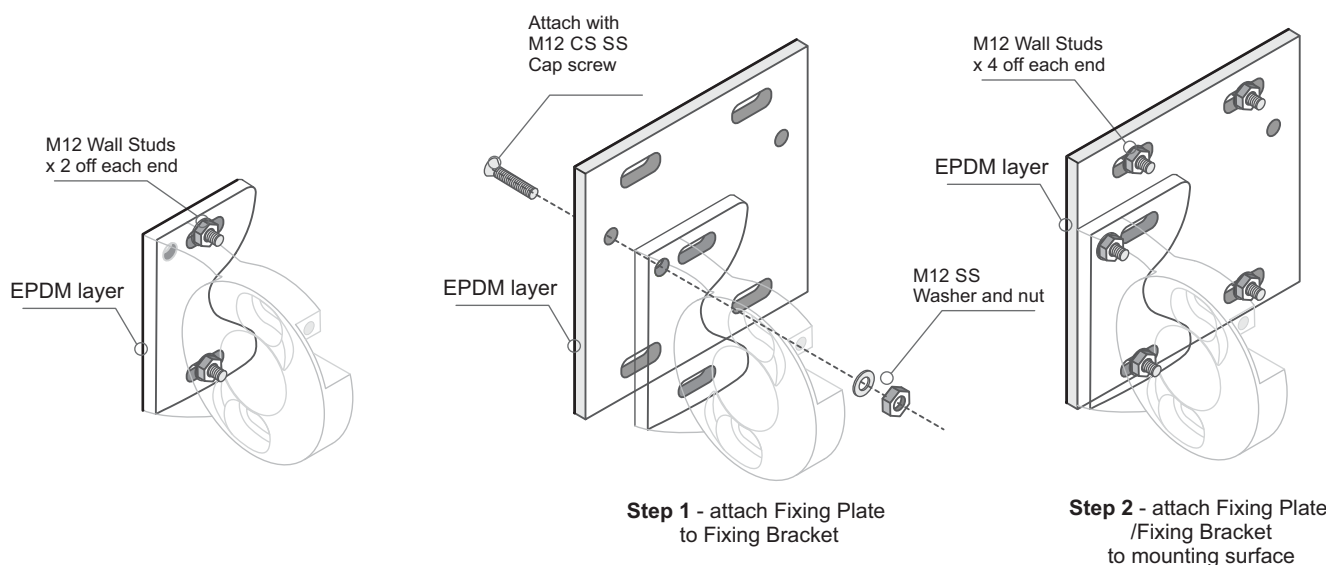
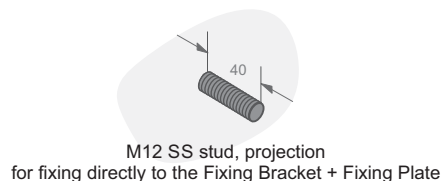
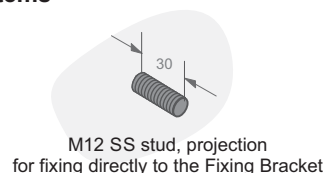
Attach Fixing Bracket

Note: Prior to delivering to site, unpack and check all items

At the time of installation you will need to consider the variety of supports (wood, brick, concrete), the amount of preparation work required, as well as choosing the correct fixing for that particular support. Ask your supplier for advice if needed.

- Wood - Use M12 x 80/100mm SS coach screws, into a heavy wooden member.
- Brick - Only use chemical fixings & M12 SS studs. Use enough to at least cross over two Cavities (= minimum 120mm)
- Concrete - Only use chemical fixings & M12 SS studs. Depth minimum 150mm
- Apply the correct quantity of chemical as recommended by the manufacturer.
- Let the chemical full cure to the manufacturers recommendations.

Fixing Plates must be used on Awnings greater than 4.5mt wide or 3.0mt projection



No Fixing Plate
Attach Fixing Bracket directly
to mounting surface

Fixing Plates.
For awnings greater than
4.5mt wide or 3.0mt projection



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Juralco Felicia Awning System

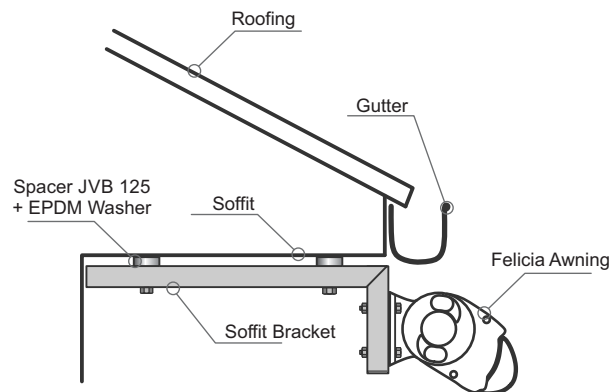
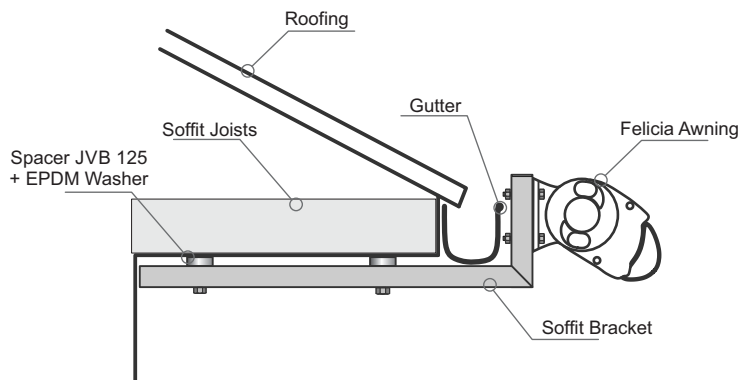
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Juralco Felicia Awning System - Under Soffit Installation

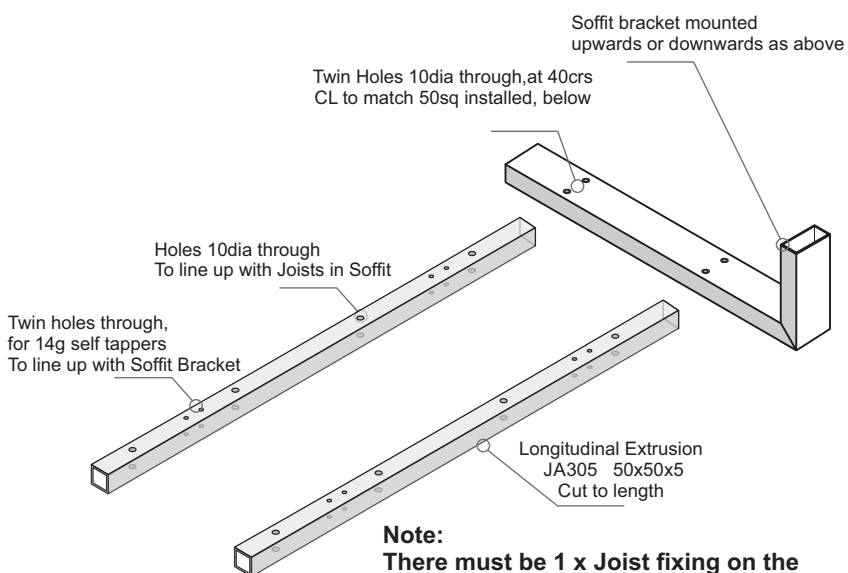
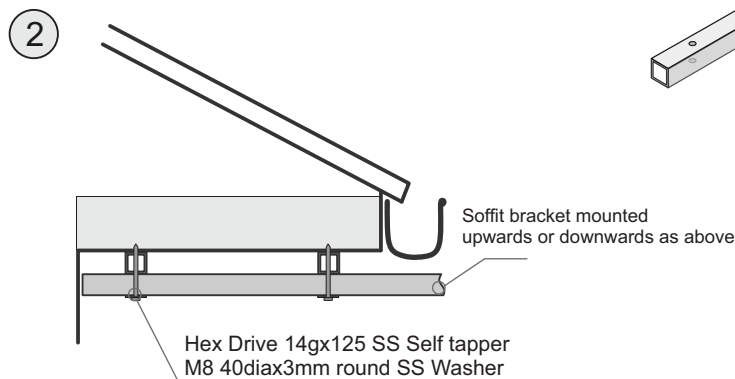
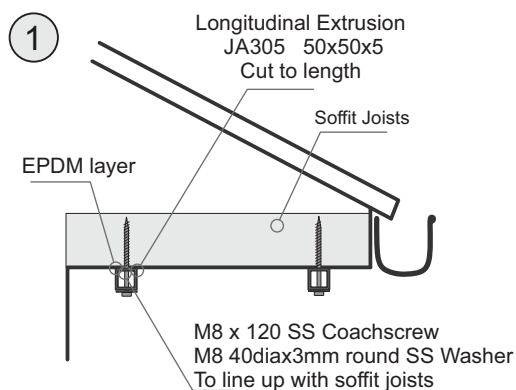
Soffit Fixing Bracket
Part No JFA/SFBRKT

Option 1



Soffit Fixing Bracket
Part No JFA/SFBRKT

Option 2 - Soffit Rail

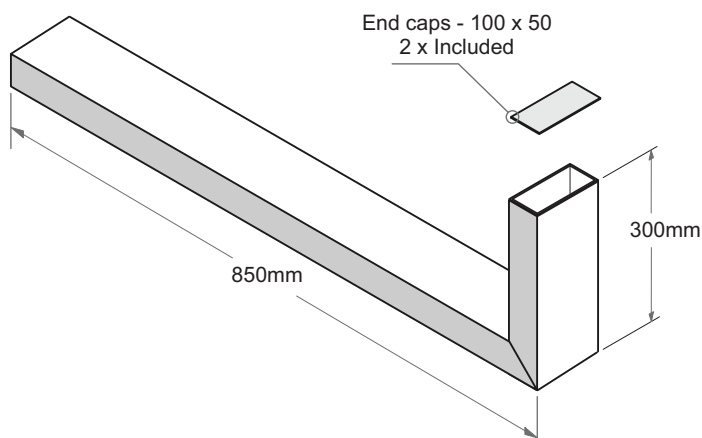


Note:
There must be 1 x Joist fixing on the outside of the Soffit Fixing Brackets

Soffit Fixing Bracket
Part No JFA/SFBRKT

To be ordered ex factory ea

Manufactured ex 100mm x 50mm x 3mm (JA314/5.8).
Kit includes 1 x Bracket and 2 x End Caps
- Installer to cut down to size to suit
- Installer to drill own holes to suit
- Installer to RTV End Caps in place
- Installer to supply own Bolts/Coachscrews and JVB125 spacers if required.



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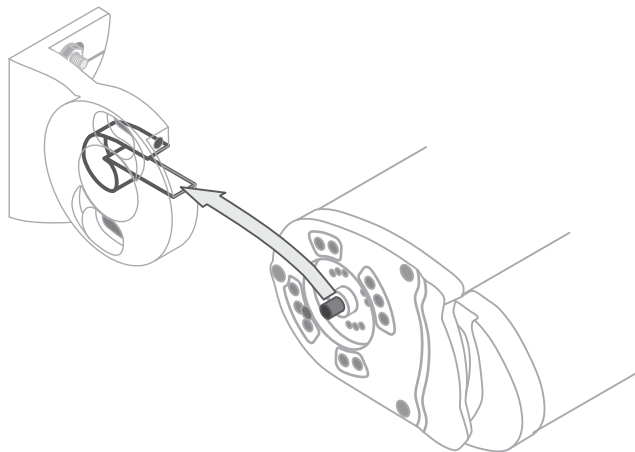
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Juralco Felicia Awning System - Installation

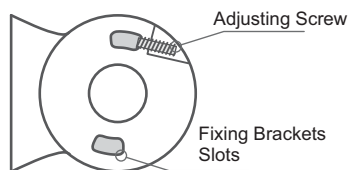
Lift Awning to Fixing Brackets

- Loosen one bracket a little and slide along to give a say 4-5mm gap, to make the headbox install easier.
- Carefully present the Headbox/End caps to the Fixed Brackets
- Slide/ drop Headbox into place
- Slide the loosened bracket back to neatly against the Headbox end cap.
- Tighten all M12 fastenings

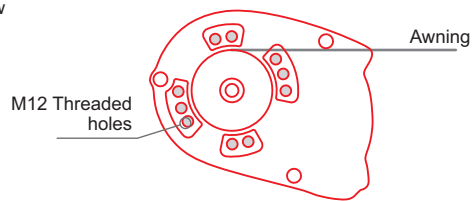


Angle Selection, Adjustment

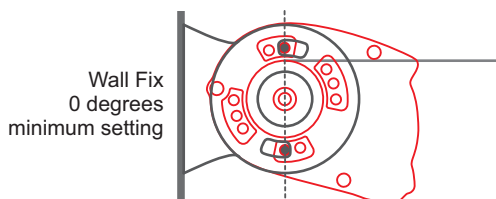
- Select the appropriate threaded holes for the angle range desired
- Insert M12 capscrew and washers
- Nip bottom screw up tight at angle
- Use the adjusting screw to fine tune squareness and level, then tighten top screw
- Clip plastic covers in place
- Check for smoothness of operation.



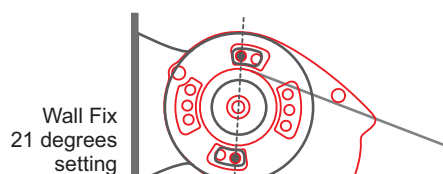
Fixing Bracket



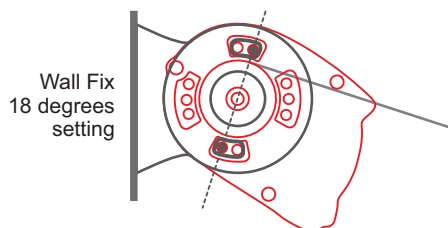
Head Box End Cap



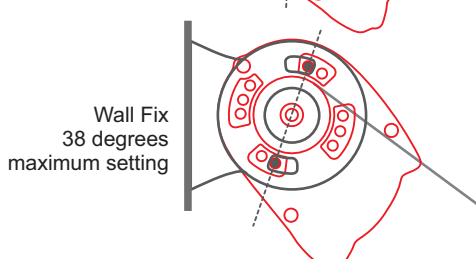
Wall Fix
0 degrees
minimum setting



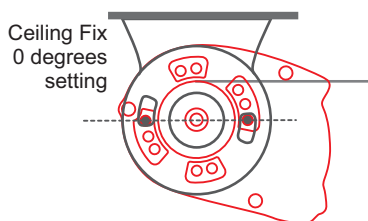
Wall Fix
21 degrees
setting



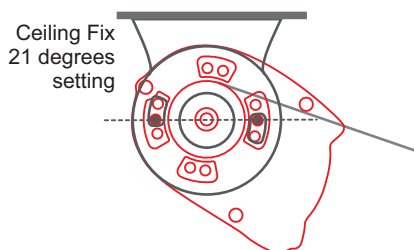
Wall Fix
18 degrees
setting



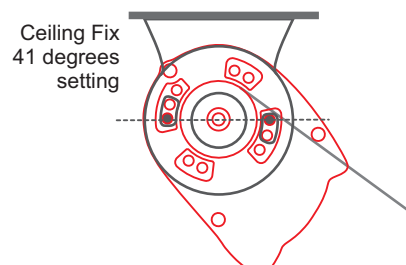
Wall Fix
38 degrees
maximum setting



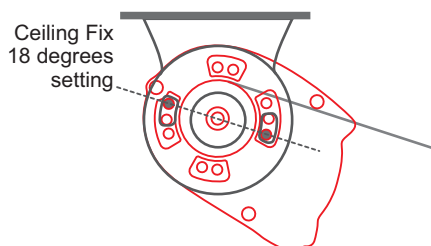
Ceiling Fix
0 degrees
setting



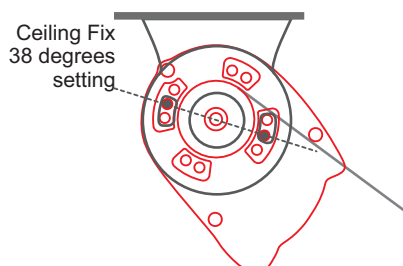
Ceiling Fix
21 degrees
setting



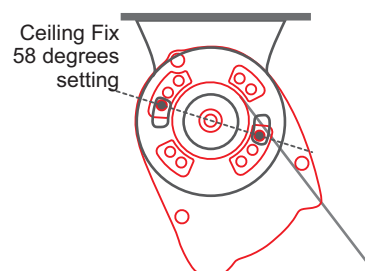
Ceiling Fix
41 degrees
setting



Ceiling Fix
18 degrees
setting



Ceiling Fix
38 degrees
setting



Ceiling Fix
58 degrees
setting

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Juralco Felicia Awning System - Awning Worksheet/Order Form
Juralco Aluminium Building Products Ltd, 48 Bruce McLaren Rd, Henderson, Auckland
Phone: (09) 478 8018 Fax : (09) 478 7883

Use one order form per each Felicia Awning order. Check all information carefully before sending this order.
 Juralco will not commence production until a signed order has been received .
 Remember , this is a one off custom unit made to your measurements and specifications.

Customer Name.....**Date**.....

Address.....

Delivery Address.....

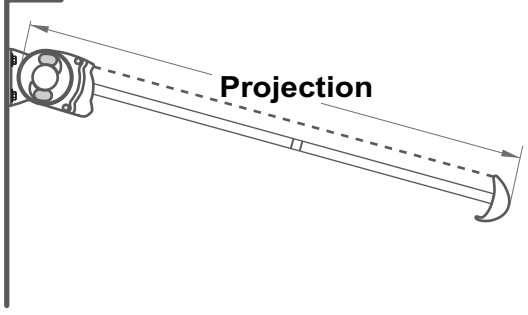
Phone No...... **Contact**..... **Order No** **Awning No**.....**of Total**.....

1 Select Projection then Enter Overall Width

Available Projections	Select Projection	Widths Minimum	Enter Overall Width
1500		1820	
2000		2310	
2500		2830	
3000		3330	
3500		3820	

Note: Width Maximum = 5920mm
Overall Width = Fixing Width + 110mm

Felicia Awning



Projection

2 Select Motor or Gearbox

Motor ☐

Gearbox ☐

3 Select Motor or Gearbox End, viewed from Front

LH ☐

RH ☐

4 If Gearbox Select Handle Length

NA ☐

1200mm ☐

1600mm ☐

2000mm ☐

2400mm ☐

Wall Clip ☐

5 Select Powder Coat Type and Colour

Duralloy ☐

Duratec ☐

Specify PC Colour and Code

Note: Arms powder coat Silver only

6 Select Fabric Type and Colour

Planasol ☐

Dickson ☐

Specify Fabric Colour and Code

7 Soffit Brackets. Number,if required

Part No JFA/SFBRKT

8 Motor Controls, if required

Switch ☐

Remote ☐

9 Volo Wind sensor , if required

Yes ☐

No ☐

10 Nemo Sun/Rain sensor, if required

Yes ☐

No ☐

11 Additional Motor Remote Control?

Yes ☐

No ☐

13 Notes:

12 Valence, if required

Straight ☐

No ☐

Scalloped ☐

Juralco Felicia Awning System - Building Consents

These two pages are an extract from the Department of Building and Housing

- Building Work that does not require a Building consent - pages 21 to 24. Online at www.dbh.govt.nz/bc-no-consent
- These are new exemptions dated Dec 2010

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 purchaser to confirm current status of consent requirements with the relevant territorial authority before purchase and installation.

Awnings

Awnings.

Exemption (ja) of Schedule 1

A building consent is not required for the following building work:

- (ja) the construction, alteration, or removal of any fabric, glass, or metal awning on any building that-
 - (i) is on the ground or first storey level; and
 - (ii) does not exceed 20 square metres in size.

Guidance:

Awnings are usually coverings that are fabric, glass or metal. They are normally attached to the exterior of a building and are commonly used for protection from sun, rain or as a wind buffer (eg, a shadesail or window awning). The installation of awnings that are 20 square metres or less on any building at a ground floor or first floor level will comply with this exemption.

Size is a factor for large awnings, as they can damage the walls they are attached to or adjacent property or potentially injure people in high winds. Accordingly, any awnings larger than 20 square metres require a building consent.

This exemption relates to awnings which are currently attached or are to be attached to a building's external envelope or exterior surfaces.

Awnings may be removed, altered and constructed, providing this work complies with the Building Code. Particular emphasis should be placed on weather tightness detailing when removing, altering and constructing such structures. All mechanical connections (eg, nuts, bolts, coach screws etc) which penetrate the building envelope and provide support to awnings must provide adequate resistance to moisture getting into the structure. Please note, this exemption does not relieve the owner of any other requirements under the Resource Management Act 1991 and or local district plan rules and provisions.

Examples where this exemption could apply:

A shadesail is to be attached above a deck at first floor level of a dwelling. The proposed shadesail has a total area of 18 square metres, and meets all Building Code requirements.

The removal of an existing 12 square metres awning providing shade at the entry to a building (situated at first floor level).

Examples where building consent is required:

A glass awning is to be fitted to an apartment on the sixth floor of the building. Though the awning has a total coverage of 14 square metres, it is not exempt because of its height above ground and a building consent is required.

Territorial Authority discretionary exemptions

Territorial authority discretionary exemptions

Exemption (k) of Schedule 1

A building consent is not required for the following building work:

- (k) any other building work in respect of which the territorial authority (or, as the case requires, the regional authority) considers that a building consent is not necessary for the purposes of this Act because that building work-
 - (i) is unlikely to be carried out otherwise than in accordance with the building code; or
 - (ii) if carried out otherwise than in accordance with the building code, is unlikely to endanger people or any building, whether on the same land or on other property.

Guidance:

Exemption (k) allows a discretionary decision to be made by a territorial authority (city or district council) or regional authority (regional council) to exempt proposed building work from the requirement to obtain a building consent in the circumstances specified in (i) and (ii), above.

Members of the public may ask their local council to consider their proposed building work under this exemption. However, the decision to allow any exemption under this part of Schedule 1 is totally at the council's discretion, based on the risk of building work not complying with the Building Code or endangering people or property.

Local councils should have procedures for making formal decisions under exemption (k) to exempt building work, that meet the specific criteria of (i) and (ii) above, from the requirement to obtain a building consent.

In all cases, the Department recommends that the decision, reason for the decision and the outcome of the decision be recorded by the local council and placed on the property file that relates to the building work.

Juralco Felicia 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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