

# FABRIC & ALUMINIUM AWNINGS

SPECIFICATION SHEET



Call the Blind & Awning experts now to book your  
free in-home consultation, measure and quote

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**WWW.WEATHERMASTER.CO.NZ**

**Weathermaster**<sup>®</sup>  
THE BLIND & AWNING EXPERTS

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# FABRIC AND ALUMINIUM AWNINGS

## MODELS & OPTIONS



Weathermaster Awnings offer fashion with practicality. Covered with high quality acrylic, polycotton canvas or just solid aluminium and a range of 150 plus colours, awnings can be a colourful addition to any building facade. The different models available include fabric fixed frame awnings, roll up fabric awnings and static Aluminium Awnings.

### Folding Arm Awning

A Folding Arm Awning is a retractable awning which provides an extension to living and commercial areas by providing shade that is particularly suitable for patios, terraces, street fronts and floor to ceiling windows.

#### Features

- No obtrusive vertical supports.
- Able to project to 3.0 metres and up to 15 metres wide
- Fixed or adjustable pitch options allow you to choose the shading angle required.
- Awnings can be motorised, with optional sun and wind sensors for effortless control

### Robusta Awnings

Robusta Awnings are heavy duty fabric awnings suitable for windows large in size or located in windy positions. The features of Robusta Awnings allow them to be used on numerous domestic or commercial buildings such as schools, hospitals, bungalows, etc.

#### Features

- Can be controlled internally by an electric motor for an internal or crank-driven external operation
- Can be installed directly to the wall or under building eaves
- For a care-free operation it can be fitted with an automatic sun, rain and wind sensor.
- May be fitted with sliding track and arms for manual operation, providing more headroom when required.

### System 2000 / Cassette Awnings

System 2000 Awnings are a revolutionary awning that can be fitted to almost any window fixture. The adjustable anchoring brackets can be located onto the nearest structural support which positions the awning directly over the window optimising the skin overhang for better sun control. System 2000 Awnings can be installed over windows that are either elevated or at ground level and can be operated by a number of different methods. System 2000 Awnings are suitable for a very wide range of domestic applications. Commercial applications for System 2000 Awnings include cafes, motels, resorts, retirement homes, hospitals, etc. The System 2000 Awning won an Australian Design Award for its innovative features and has been wind load tested by the CSIRO\*.

#### Features:

- Colour co-ordinated components.
- The pivot arm style offers a choice of 4 operating systems; external rope pull, external tape control and external crank handle control and motorisation.
- Available with sun and wind sensors and timers for automated motorised operation of your awning.

### Commercial Warranty

All awnings are covered by a one year Commercial Warranty. Conditions apply.



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### Pergola Awnings

The Pergola Awning is the most innovative way to make the most use of outdoor living areas. Simple to install, the Pergola Awning is suitable for above outdoor pergola's, over glass roofed conservatories or above larger skylight windows. The Pergola Awning is automated and totally retractable with easy operation to any setting from closed to fully open.

#### Features

- All aluminium, powder coated frame with stainless steel fittings
- Available with sun sensors and timers for fully automatic operation
- Headbox spans the full width of pergola un-supported



### Semi Fixed Awnings

The Semi-Fixed Awning is a masterpiece of simplicity, giving the appearance and sun protection properties of the Robusta or System 2000 / Cassette but without the complexity and expense of the headbox, mounting brackets, gearbox and rollertube. Using spring loaded pivot arms and front rail to maintain the tension on the fabric, the awning cloth is attached to the building via rope sewn into the fabric and inserted into a roper track or caravan mould. The rope track and pivot arms may be attached anywhere along the length of the awning and extra pivot arms may be included for stability on larger awnings.

#### Features

- Heavy duty spring loaded arms
- All aluminium and stainless steel components
- Requires only 50mm wall space to fit above doors or windows
- No tie down hooks or cords



### Patio Awnings

The Patio Awning is the ideal product for sun shade or wind break in exterior locations. A simple roll down exterior blind, the Patio Awning provides privacy between neighbours and protection from strong winds and driving rain as well as giving excellent shade and glare benefits without loosing any view. Best described as an "outside Sunscreen or Roller Blind" the Patio Awning is designed to fit on the outside face of doors, windows or on the end of patios between neighbours, overlapping the opening by 100mm each side and held in position by two hook type brackets hooked over the front or bottom rail.

#### Features

- Colour co-ordinated components with silver bottom rail
- Crank handle operated from left or right side
- May be left down and in use during all weathers
- No tie down cords or ropes required
- Provides privacy as well as weather protection

# FABRIC AND ALUMINIUM AWNINGS

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### Aluminium Awnings - Flair and Capri

The Aluminium Awnings are one of the most effective and durable means of reducing the heat load on a building and providing protection from the elements. The only awning truly recommended for rain protection, these total Aluminium Awnings consist of individual panels overlapping its neighbour and riveted to an aluminium sub frame. Ideal for both commercial and domestic situations and available in two styles and several colours, the aluminium awning is the perfect answer to all weather protection situations.

### Canopy Awning

For a European look the Canopy Awning is available in nearly an infinite number of shapes, making it a truly custom made product. Available in either fixed or retractable.

### Features - Flair

- Telescopic support arms enable the customer to change the angle according to individual preference.
- Projection is available in 3 sizes:  
212 = 660mm  
312 = 810mm  
412 = 1140mm and up to 4500mm wide.
- Available in 8 colours which may be mixed to form varied patterns.
- All aluminium construction for maintenance free long life.

### Features - Capri

- Non adjustable. The angle of slope is factory set according to customer requirements.
- Any width available in sections up to 5000mm each which are joined on installation.
- Available in 8 colours which may be mixed to form varied patterns.
- All aluminium construction for maintenance free long life.
- Enclosed ends for better weather protection.
- Up to 2000mm projection with no support poles.



### Size specifications

	Operation	Maximum width	Minimum width	Max drop /projection	Min drop /projection	Max Sq Metres
Sys2000/Cassette	Gear/Rope/Electric	4200 mm	n/a	1200 mm	n/a	5.0 m2
Sys2000/Cassette	Tape pull	2400 mm	n/a	1200 mm	n/a	2.8 m2
Robusta	Gear/Electric	6000 mm	n/a	1600 mm	n/a	9.6 m2
Folding Arm Awning	Gear/Electric	6000 mm		3000 mm	1500	9.0 m2
Patio/External	Gear only	6000 mm	n/a	5000 mm	n/a	30.0 m2
Pergola	Electric only	5000 mm	2000	4250 mm	1500	20.0 m2
Semi Fixed	Static	4800 mm	500 mm	1500 mm	200	7.2 m2
Canopy	Static	NO LIMITS – MADE TO MEASURE		1000mm	600mm	N/A
Flair/Aluminium	Telescopic Arms	4500 mm	n/a	1140 mm	n/a	5.2 m2
Capri/Aluminium	Static	5000 Sect	n/a	2000	n/a	10 m2

# FABRIC AND ALUMINIUM AWNINGS

## AWNING FABRICS

You have every good reason to choose SOLITIS 86

### KEY

FS = Solar factor in internal or external use

1/4" CL = 1/4 inch clear plate  
(Measured By Matrix Inc Usa To Ashrae 74-73)

A = Aluminium colour exposed to suns rays

B = Light colour exposed to suns rays

TS = Solar transmission in %

RS = Solar reflection in %

AS = Solar absorption in %

TS + RS + AS = 100% of solar incident energy

TV = Visible light transmittance

### Soltis 86 provides the best solar protection

Due to their micro-aerations, Soltis 86 textiles regulate the sun's heat. Installed on the outside of windows, Soltis absorbs and reflects up to 97% of the heat generated by the sun's heat, thus eliminating the greenhouse effect.

### Soltis 86 stops glare and enhances visibility

Soltis 86 textiles preserve privacy and comfort without obstructing the outside view. Depending on the particular aspect of your building, just choose the colour giving the light transmission coefficient that suits your needs best.

### Soltis 86 is available in 18 colours with no minimum order

The wide range of Soltis 86 colours is based on the Natural Colours System (NCS). It lets you choose the colour giving the light transmission coefficient best suited to your needs, while preserving the architectural harmony of your environment.

### Soltis 86 resists tearing without extra reinforcement

Soltis 86 textiles are wind and weather resistant. The high-tenacity polyester yarn reinforcement makes them exceptionally resistant to wind and intensive uses.

### Soltis 86 is long lasting and resistant to dirt and fading

The quality of polymers used in the manufacture of Soltis 86 textiles ensures high colour-fastness. Dirt does not stick to the

Mechanical properties	Soltis 86
Weight sqm	380 g/m <sup>2</sup> NF EN ISO 2286-2
Tensile strength (warp/weft)	230/160 daN/5cm NF EN ISO 1421
Tear strength (warp/weft)	45/20 daN DIN 53.363
Flame retardancy	M1/M2 NFP 92.503 B1 DIN 4102
Thickness	0.43mm
Quality Insurance	ISO 9002

The technical characteristics are given with a 5% tolerance

REFERENCE	TS	RS	AS	TV	FSint 1/4"CL	FSext 1/4"CL	NCS Codification	Flame Retardancy
86-2001	27	53	20	22	0.42	0.30	1003 R 05 B	M1/B1
86-2002	24	45	31	22	0.47	0.28	2010 Y 30 R	M1/B1
86-1003	22	42	36	21	0.48	0.27	2005 Y 50 R	M2/B1
86-1012	24	41	35	19	0.50	0.29	4010 Y 30 R	M2/B1
86-1015	25	35	40	17	0.54	0.30	3050 R 10 B	M2/B1
86-1022	20	27	53	21	0.58	0.27	5010 R 70 B	M2/B1
86-1024	30	48	22	15	0.46	0.33	0765 Y 17 R	M2/B1
86-1025	28	40	32	20	0.51	0.32	2060 Y 40 R	M2/B1
86-1027	26	41	33	19	0.50	0.30	1473 Y 95 R	M2/B1
86-1030	23	19	58	20	0.64	0.30	5050 R 70 B	M2/B1
86-1035	19	18	63	19	0.64	0.27	4837 B 77 G	M2/B1
86-1040	16	11	73	15	0.68	0.25	6020 R 90 B	M2/B1
86-1042	24	30	46	15	0.57	0.30	5040 R 20 B	M2/B1
86-2043	14	9	77	17	0.69	0.23	7404 Y 51 R	M1/B1
86-2044	30	56	14	17	0.41	0.32	0501 Y 17 R	M1/B1
86-2045	16	19	65	20	0.63	0.24	/	M1/B1
86-2046A	19	37	44	19	0.51	0.25	/	M1/B1
862046B	19	54	27	19	0.40	0.23	/	M1/B1
86-2047	14	8	78	16	0.69	0.23	/	M1/B1

fabric due to its smooth, even surface structure. Maintenance of Soltis textiles simply consists in washing with water and the Precontrain® M2 Ferrari detergent.

### Soltis 86 renders the possibility of exceptionally small cases.

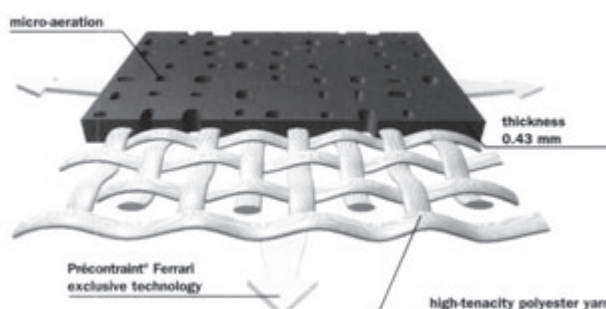
With a thickness of 0.43 mm only, Soltis 86 textiles easily integrate into smaller cases helping to assure complete harmony with the overall facade.

### Soltis 86 will not sag

With their double resistance to warp and weft stretching, Soltis 86 textiles are not subject to any deformation. Fit for use in temperatures ranging between -30 and +80°C, they are suitable for all surface areas, and especially large areas in which their dimensional stability is unrivaled.

### Soltis 86, a Ferrari technical textile

Manufactured according to the exclusive patented technology Precontraint® Ferrari, Soltis 86 textiles are maintained in tension (warp and weft direction) during the whole production process. The result is a very important dimension stability of Soltis 86 textiles which do not bag during installation procedure or intensive uses.



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## CANOPY AWNINGS

### Canopy Awnings

Canopy Awnings are like nothing else in the New Zealand market. Contemporary European design & style that delivers premium performance in the harshest New Zealand environments. Suitable for both domestic and commercial applications, from single door or window installations to complete building protection.

When you purchase a canopy awning you're investing in your home. That's why Canopy Awnings are designed with durability and performance in mind. Our range of canopies are available in two board finishes along with bracketing systems that allow continuous lengths of canopy to be installed, these features combined with the availability of both 600mm and 1000mm projections make it ideal for residential through to commercial installations. Canopy Awnings built to perform to the highest standards, providing weatherproof comfort and style to any environment.

### M-Series



- Aluminium bracket
- Shock and weather resistant
- Suits traditional and contemporary situations
- Unlimited continuous lengths
- Available in leesun board - enhanced polycarbonate and aluminium composite board

### N-Series



- Aluminium bracket
- Easy to assemble and fit
- Shock and weather resistant
- Suits modern, contemporary and apartment situations
- Available in leesun board - enhanced polycarbonate only

### F-Series



- Engineered nylon bracket
- Shock and weather resistant
- Suits traditional and contemporary situations
- Unlimited continuous lengths
- Available in leesun board - enhanced polycarbonate and aluminium composite board

### Leesun board - enhanced polycarbonate



#### Category 12 Typhoon Resistant

New Zealand is prone to extreme changes in outdoor weather, from high speed winds to rain and snow. To ensure your home is protected, Canopy Awnings are thoroughly tested and assured to the most extreme weather conditions possible. Rest assured that whatever the weather, Canopy Awnings are built strong.



#### UV Resistant

Everyone knows what damage can be caused by prolonged exposure to the sun. Canopy Awnings are designed to prevent 99% of the sun's harmful UV rays, protecting your home and family.



#### Chemical and Fire Resistant

Canopy Awnings are specially coated with a unique formula to protect them from abrasive cleaning chemicals and damaging elements of heat and fire.



#### Impact Resistance

Life is unpredictable, with Canopy Awnings you're covered. Tested in various situations, leesun board is tough, 15-20 times stronger than acrylic.

### Aluminium composite board



#### Double Layer Composite Construction

Canopy Awnings are the first in the world to use composite construction techniques to achieve the highest quality. Aluminium Canopy Awnings are double aluminium coated with a plastic core, allowing for strength, durability and versatility. Combined with layers of protective outdoor colour coating Canopy Awnings are designed to look good all year round.\*

\* Canopy Awnings may require regular cleaning depending on the outdoor environment.



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