



awnmaster®

awnings | carports | shadeports



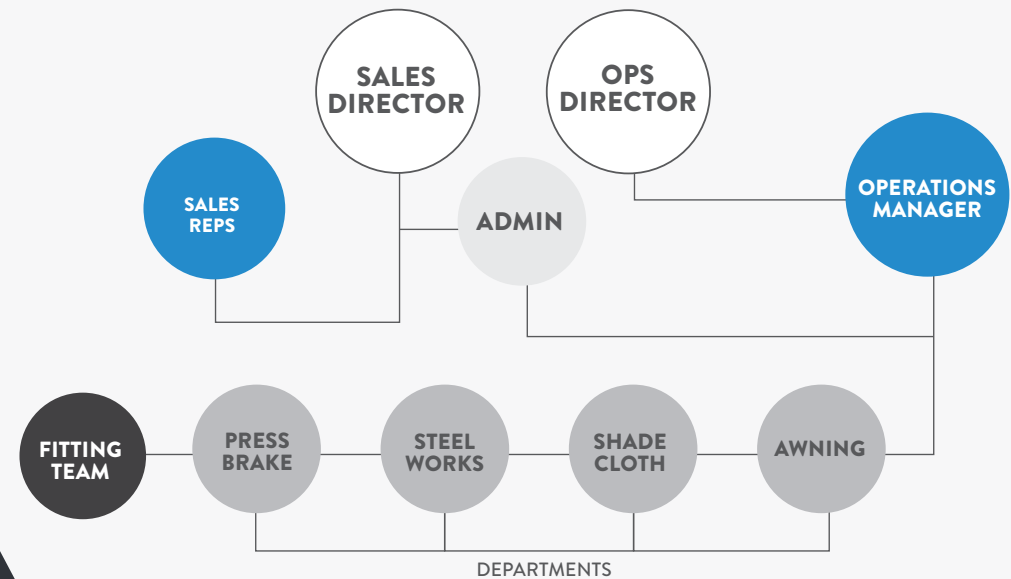
PRODUCT
CATALOGUE
2022

OUR STORY

AWNMASTER®, established in 1979, are leaders in the field of sun protection and sun control systems which also extends to architectural products and primarily involve themselves in the design, manufacture and install of these products.

Due to the nature of our work AWNMASTER® recognizes their responsibilities to the environment, public, staff, suppliers and customers and therefore we undertake to commit ourselves to *good quality, fair business practice, safety and that the environment is respected.*

ORGANISATIONAL OVERVIEW



OUR VALUES

» QUALITY

AWNMASTER® prides itself on the many years of service to the market and has implemented a 'hands on' quality control system to maintain standards that are acceptable Internationally. We regard our supplier quality as the top ingredient to a quality product therefore we undertake strict measures of procurement.

» SOCIAL RESPONSIBILITY

AWNMASTER® management will ensure that all staff are treated with equal respect and with sustained upliftment. We recognize the importance of all staff and therefore respect and will adhere to the Basic Conditions of the Employment Act.

» HEALTH & SAFETY

AWNMASTER® is driving towards making health and safety a priority amongst our staff and to the public in general. To this end AWNMASTER® staff, recognize the need to embrace and maintain the standards of the Health and Safety Act and to promote the importance of this to the lesser informed. Through regular dialogue and education we commit to improve our Health and Safety Standards so as to ensure a safe working environment free of disease and injury.

» ENVIRONMENTAL RESPONSIBILITY

AWNMASTER® will ensure that all manufacturing is carried out responsibly and that respect is shown to the environment resulting in minimal impact. Care will be taken that waste material is separated and re-distributed for recycling.



01»

AWNINGS

PAGE 4



02»

MASTERPORT

PAGE 7

04»

SHADE-PORTS

PAGE 15

GENERAL PICTURES

PAGE 32

03»

SUN ADJUSTABLE LOUVRE

PAGE 11

05»

CEILING STRUCTURE

PAGE 19

LOUVRE

PAGE 29



SHORT FORM

PAGE 28



06»

ARCHITECTURAL

PAGE 16

AWNINGS

Ideal for commercial, industrial, housing and town house applications, **AWNMASTER®** Aluminium - VENTALOK awnings are tailor made to your requirements.

ALUMINIUM AWNINGS

This all aluminium awning is lightweight and requires very little maintenance. VENTALOK's high strength-to-weight ratio and advanced design features make for simplicity and ease of installation.

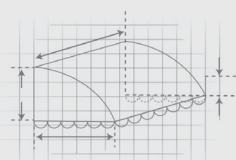
The VENTALOK awning comes with a ten year paintwork guarantee. The Hylar 5000 PVDF paintwork is also guaranteed for a period of ten years against flaking, blistering, peeling and corroding. We guarantee that the surface coating will not show objectionable colour fading provided an acceptable method of cleaning is used from time to time.

VENTALOK is available in a range of sixteen different colours. This means that you can choose from multiples of combinations to suite your requirements, as the colours can interchange in the candy stripe panels. A variety of profiles are available, including the *Caribbean (curved)*, *Majorca (wedge)* and *Capri (angular)* as well as other purpose made designs. The unique VENTALOK clip-on system causes the awning to 'breathe', allowing hot air to escape between the panels whilst drawing in cool air (ventilation) under the awning.

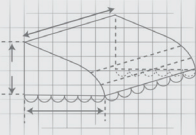


**“ THE VENTALOK AWNING COMES WITH A
10 YEAR PAINTWORK GUARANTEE.**

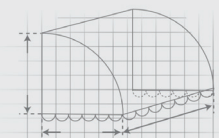
CHOOSE YOUR SHAPE



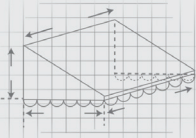
BOX SEMI BOW



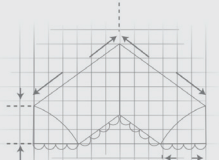
CARIBBEAN



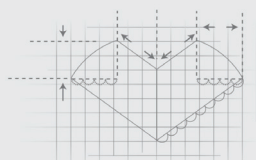
BOW



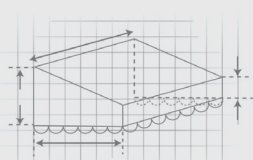
CAPRI



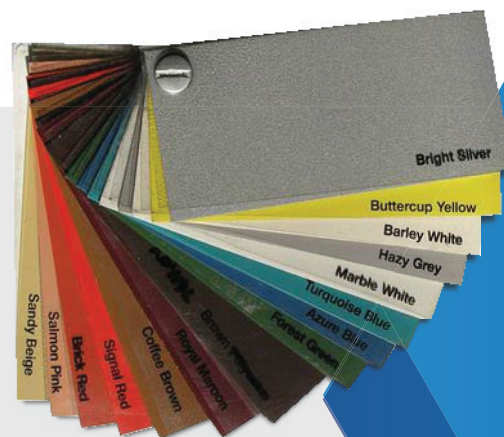
CORNER SEMI BOW



CORNER SEMI BOW



MAJORCA



HULA - SHADE STANDARD COLOURS

An advanced polymer coating system, which meets the demands of most applications. Long lasting and guaranteed against chalking, fading and blistering.

LIGHT IVORY

MARBLE WHITE

BRIGHT SILVER

HAZY GREY

SANDY BEIGE

BUTTERCUP YELLOW

GREEN MOSS

FOREST GREEN

TURQUOISE BLUE

AZURE BLUE

SALMON PINK

SIGNAL RED

ROYAL MAROON

MILKY COFFEE

FERN BROWN

ROYAL BROWN

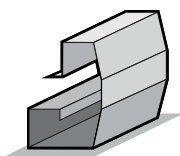
ANTHRICITE



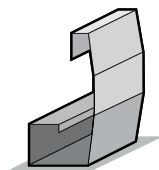
MASTERPORT

MASTERPORT's double up as living areas and patios provide extended living space. Whether a *car, boat, caravan, braai, patio table or fleet of vehicles*, we can assist you to find the best cover solution.

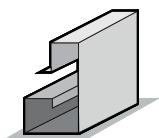
FASCIA GUTTER PROFILES



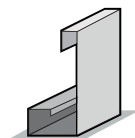
**STANDARD
PROFILE**



**OPEN
PROFILE**



**STANDARD
FLATBACK**



**OPEN
FLATBACK**

The fascia gutter is an integral part of the MASTERPORT design.

AWNMASTER®'s intrinsic integrated fascia gutter forms the basis of our design and difference.

The MASTERPORT product is available in a wide range of colours and materials, which leaves the control in design in your hands. Each design and installation is measured out purposefully by our highly skilled sales team so as to suit your needs and environment in which it will be placed.

You are guaranteed a product that will improve the value of your property and last for many years. Posts and beams are selected to suit individual requirements and the engineer's design.

All materials other than aluminium are hot dipped galvanized and powder coated/painted (steel).

» **DISTINCT PROFILES AND
QUALITY OF MATERIALS**

» **CUSTOM BUILT TO ORDER
WITH ONLY YOU IN MIND**

OUR UNIQUENESS

AWNMASTER® is synonym for Quality. Not just in our sleek clean designs, but also in the choice of materials we use to ensure your investment stands the test of time.

MASTERPORT SPECIFICATIONS

SUN ADJUST

Aluminium (0,6mm)
132Z panel affixed to a white epoxy coated aluminium drive unit

SHEETING

Aluminium (0,7mm)
Chromadek (0,5mm)*
Polycarb (1mm)*
Colorbond (0,47mm)*
Zincalume (0,47mm)*
Colorplus (0,47mm)*

GUTTERS

Aluminium (0,8mm)
[Royal Brown / Charcoal / Marble White]
Chromadek (0,6mm)
Colorbond (0,6mm)

POSTS

Aluminium:
76mm x 76mm x 2mm
Steel:
76mm x 76mm x 2mm
100mm x 100mm x 3mm
76mm ø x 2mm

Other:
Balu, meranti, Nutec and pre-cast concrete

BEAMS

Aluminium I beam (140mm x 50mm x 4mm)
Chromadek Box beam (164mm x 46mm x 0,8mm)
Steel Lipped channel (Galvanised and powder coated/painted mild steel)
Lattice Beam Engineer designed to suit



All our steel and Aluminium go through either a galvanised or powder coated process to meet your exact specifications.
All our Chromadek and Colorbond materials come in white and can be coloured to suit on request.

ALL OUR ALUMINIUM HOLDS A
10 YEAR PAINT / WORK GUARANTEE

awnmaster
awnings | carports | shadeports





LOUVRE

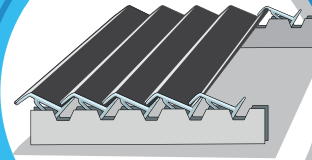
Create a comfortable and practical outdoor area that you can enjoy all year round with **AWNMASTER®** and HULAFAB's **SUN-ADJUST**.

SUN-ADJUST LOUVRE AWNINGS

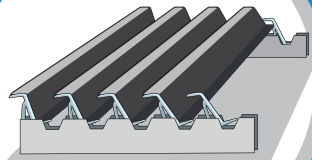
AWNMASTER® is the primary distributor of the domestic range of SUN-ADJUST aluminium awning products manufactured by HULETT FABRICATED PRODUCTS (HULAFAB), South Africa. HULAMIN started manufacturing the SUN-ADJUST patio cover in 1993.

A close work association with HULAMIN has enabled AWNMASTER® to implement their technical knowledge in installations, with SUN-ADJUST patio covers achieving high popularity in the marketplace.

The SUN-ADJUST patio cover can be opened to allow sunlight to filter onto the patio during the cooler winter months, and can be closed to shade the patio during summer. The angle or opening is adjusted with a handle, which through a gearbox sets the angle of the panels. This in turn determines the amount of sunlight which comes through. SUN-ADJUST is 95% watertight when closed. As the panels are adjustable and are not fixed the SUN-ADJUST is not deemed a fixed roof and therefore does not constitute as coverage or F.A.R.



» Hulafab:
SUN-ADJUST
Closed



» Hulafab:
SUN-ADJUST
Closed



66

*The SUN-ADJUST is an all aluminium and non-corrosive product where the drive units are anodized aluminium with U.V. stabilised nylon finger brackets clipped into the 132z baked enamel panel. A 1:13 compact and encased gearing unit drives up to **25m² of covered area.***



SUN-ADJUST LOUVRE SPECIFICATIONS

SUN ADJUST

Aluminium
(0,6mm) 132Z panel affixed to a white epoxy coated aluminium drive unit

GUTTERS

Aluminium
(0,8mm) [Coffee Brown/Beige/White]

Chromadek
(0,6mm) [White. Colours on request]

Colorbond
(0,6mm) [White. Colours on request]

POSTS

Aluminium:
76mm x 76mm x 2mm (Powder coated to suit)

Steel:
76mm x 76mm x 2mm
100mm x 100mm x 3mm
76mm ø x 2mm
(All Steel is either galvanised or powder-coated)

Other:
Balu, Meranti, Nutec and pre-cast concrete

BEAMS

Aluminium I beam
(140mm x 50mm x 4mm)
Aluminium Box beam
(150mm x 50mm x 2mm)(85mm x 33mm x 2mm)
Chromadek Box beam
(164mm x 46mm x 0,8mm)
Steel Lipped channel
(Galvanised and powder coated/painted mild steel)

Lattice Beam Engineer designed to suit.





SHADEPORTS

AWNMASTER®'s SHADEPORT division offers a wide range of versatile, functional, aesthetic and cost effective solutions to protect you and your assets from harsh ultra violet rays.

OUR SHADEPORT

SHADEPORT'S are extremely adaptable and include a number of applications – carports, awnings, walkways, recreations covers, sandpit covers, screens and filtration. They are made for commercial and domestic use. A waterproof net is also available.

Not only do SHADEPORTs protect your vehicle and other assets, they also provide a level of comfort after these have been exposed to direct sunlight. The UV Ultra block shade cloth offers up to 96% shade and, being similarly waterproof, offers partial dryness in light rain and full protection against hail.

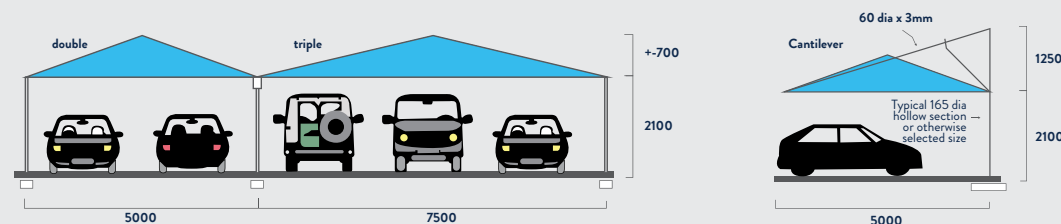
AWNMASTER®'s SHADEPORT designs have been internationally accepted and are currently being exported. Due to its modular design, the packaging and assembling thereof is done with relative ease.

» UV Ultra block shade cloth offers up to 96% shade



Our shade netting is endorsed by the **Cancer Association** and made from **high density ultra-violet Polyethylene fabric**.

All AWNMASTER® double stitching is carried out with **SABS approved 400 Denier mono-filament thread** which has proved to be more superior than any other thread previously used and which is virtually immune to **acids, seawater, ultra-violet rays, fungus, bacteria and fertilisers**.



SHADEPORT SPECIFICATIONS



POSTS

76mmx2mm (89x3mm-high wind areas)
or 50mmx2mm (Natal only)

PITCH PURLINS

50mmx2mm Hot Dipped Galvanized

PERIMETER PURLINS

50mmx2mm Hot Dipped Galvanized

FOUNDATION

300mmx300mmx400mm and 7m3 for cantilever design (maximum spec)

BONNET & SIDE SCREEN

High density polyethylene shade cloth:
No rotting (guaranteed by manufacturers for eight years)
UV stabilised
UV protection from 0-96%
Water resistant from 60-99%
Available in a wide range of colours

Our structures are designed by structural engineers to cater for most climatic conditions. We recommend however, that extra design details are scrutinized by the engineers to ensure that structural designs are suited to the local climatic conditions.



AWNMASTER®
awnings | carports | shadeports





CEILING STRUCTURE

AWNMASTER® has developed a structure which serves not only as a roof, but as a ***patio/entertainment area***. The CEILING STRUCTURE design is unique in that it incorporates a *fascia and gutter, ceiling* and is often used as an alternative for conventional roofing.

OUR CEILING STRUCTURES

CEILING STRUCTURE's are a great way to enhance an area of your property; extend a room or provide some general additional space. With this new found space and freedom comes a number of benefits that are great for you and your family. Braai in any weather, say hello to a new entertainment area, extend your living area and add value to your homes market value.

The roof requires a minimum slope, is relatively simple and quick to erect and aesthetically marries with most homes. The frame is fabricated from hot-dipped galvanised extrusions and is encased with, aluminium, Chromadek or polycarbonate. This type is optional; however, preference is given to a moisture-guard board (12mm Green board). Down lights and skylights are optional extras.

10 Year
PAINT / WORK
Guarantee

CEILING STRUCTURES SPECIFICATIONS

CEILINGS

Rhino Board-Full Skim; Nutec Fibre
Cement-Full Skim; ISO board

GUTTERS

Aluminium
(0,8mm) [Royal Brown/Beige/White]
Box Gutter
Chromadek
(0,6mm) [Royal Brown/Beige/White]
150 Ogee Gutter
Colorbond
(0,6mm) [White. Colours on request]

SHEETING

Available in IBR/Industrial 7
Aluminium (0,7mm)
Chromadek (0,5mm)*
Polycarb (1mm)*
Colorbond (0,47mm)*
Zincalume (0,47mm)*
Colorplus (0,47mm)*

POSTS

Aluminium: 76mm x 76mm x 2mm
(Powder Coated)
Steel: 76mm x 76mm x 2mm
(Galvanised or Powder Coated)
Other: Balu, meranti, Nutec and pre-cast concrete
Nutec Fibre Cement: 200/250/300 Round with Cap & Base
Hot dipped Galvanised Steel
Lip Channel Sections to engineers approved detail.



Braai in any weather, yes we are South Africans and we love to braai but with our unpredictable weather, braaing can never be a “come rain or snow” type function. This is where a CEILING STRUCTURE is a great investment.



Say hello to a new Entertainment Area. Installing this structure above your patio is a fantastic way to create an entertainment area that is adaptable to suit your needs and requirements.



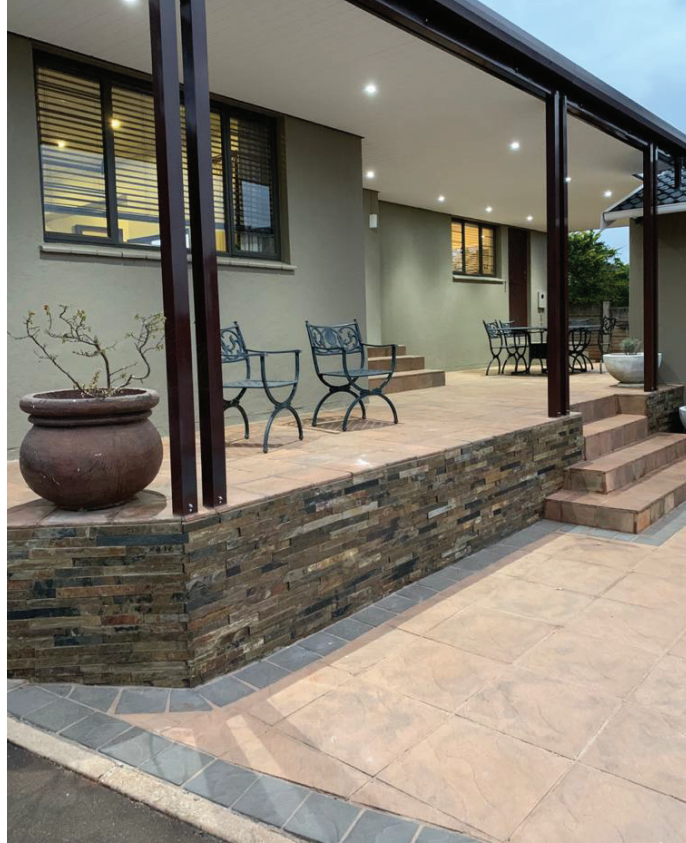
Extend your living area. Create a beautiful lounge area on your patio with inter-leading doors and enjoy the additional living space to relax and spend time with family and friends!



Add value to your homes market value. Additions to your house are a great way of increasing its market value



awnmaster
awnings | carports | shadeports





ARCHITECTURAL

Most of AWNMASTER®'s architectural products are manufactured by HULAMIN, who supply a range of polyester coated aluminium products for the architectural market.

OUR ARCHITECTURAL

Of the ARCHITECTURAL SERVICE offerings, AWNMASTER® has selected sun louvres and façade claddings for exterior enhancements or protection.

We effectively utilise any available space with these “Clever Cover” solutions:

SUN LOUVRES

GABLED STRUCTURES

ALUMINIUM LINEAR CEILINGS

MASTERPORT PATIO COVERS AND CARPORT

WALKWAYS

AWNINGS

SHADE PORTS

SMOKING AREAS

CANTEEN COVERS

GAZEBOS

LOADING-BAY CANOPIES

CEILING STRUCTURES

SUN-ADJUST LOUVRE SPECIFICATIONS

CLADDING

Aluminium, Colorbond, Zinalume, Chromadek or Polycarbonate

CEILING STRUCTURE

Aluminium, Colorbond, Zinalume or Chromadek sheeting supported by galvanized lip channel

Rafters and purlin with all weather skimmed suspended ceiling with Nutec, fibre cement

400mm deep façade surround, Skylights are optional

PATIO COVERS, CARPORTS, WALKWAYS AND CANOPIES

These are according to the AWNMASTER® design using IBR type sheeting in Aluminium, Colorbond, Zinalume, Chromadek and Polycarbonate, with integral fascia/gutter surround

SUN LOUVRES

HULAMIN 0.6mm panel supported by aluminium stringer in SL 70Z and 132Z Series; SL 84C Series

FAÇADES & CEILINGS

HULAMIN 0.6mm panel supported by aluminium stringer in LC 84C, LC 150 and FP150 Series

GABLE STRUCTURES

Truss framework- Aluminium epoxy coated box sections to suit - Steel angle/tube, galvanized and epoxy coated

NOTE: All products are per the specifications of engineers/architects.

66

Aluminium, Colorbond, Zinalume or Chromadek sheeting supported by galvanised lip channel. Rafters and purlin with all-weather skimmed suspended ceiling with Nutec/fibre cement. 400mm deep façade surround. Skylights are optional.







SPECIFICATIONS

SHORT FORM

SL 84C Sun Louvres to consist of roll formed pre-painted aluminium alloy AA3004 panels 0.6mm thick x 84mm effective width x 16mm deep with uniformly curved shoulders fixed to 0.9mm thick pre-painted and pre-punched aluminium stringers type S2 (alternative S4, S5) without the use of fasteners.

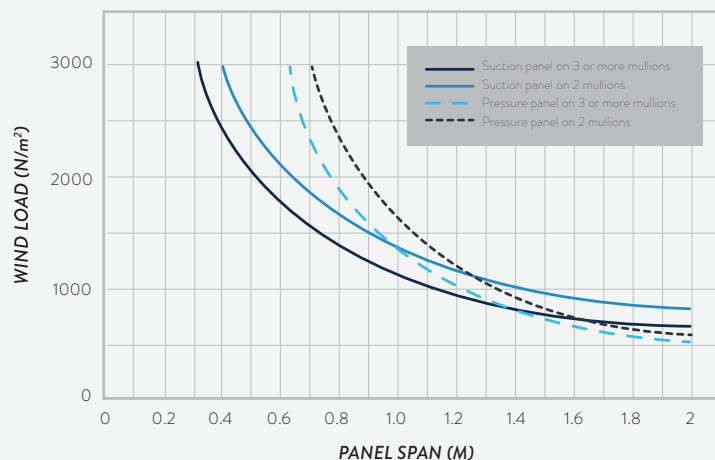
Stringers and aluminium support structure to comply with applicable wind load criteria and all necessary brackets and anchor bolts in strict accordance with manufacturers instructions.

Paint Finish - Aluminium coil to be chemically pre-treated including degreasing and conversion coating. Both sides of the coil to be coated with a primer then oven baked. Both sides of the coil to be coated with HYLAR 5000 PVDF paint system and then again oven baked.



RVI TYPE C-PROFILE LOUVRE

BLADE SPAN FOR RVI 84C LOUVRE SYSTEM



FIXING METHOD

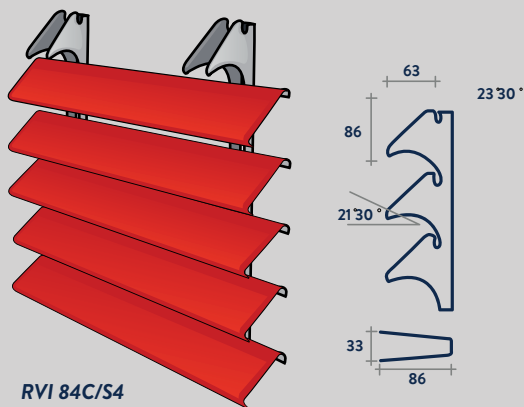
LOUVRE blades are fixed by clipping to stringers without the use of any fasteners to allow for expansion and contraction along their length.

LOUVRE mullions shall be fixed to builders work at centres as per the table, dependent on site wind pressures (as calculated and specified by a structural engineer), with RVI type brackets and suitable fasteners/anchors.

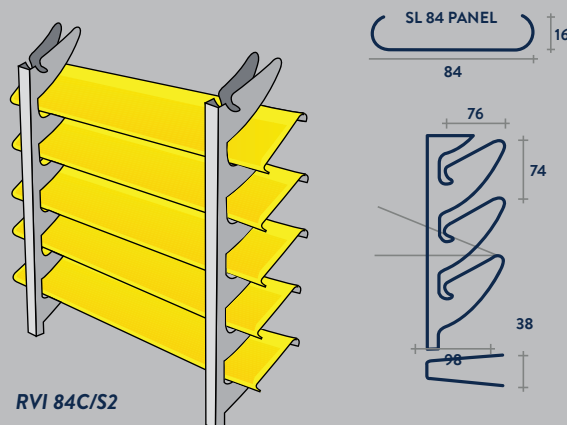
The table indicates two graphs per wind load type, based on the application:

- If a multi-span LOUVRE system is required consult the "3 or more mullions" graph,
- When using 2 mullions, consult the "2 mullions" graph.

S4 STRINGER



S2 STRINGER



RVI TYPE-C PROFILE SPECIFICATIONS

FEATURES

Roll formed pre-painted c-shaped aluminium blades
Continuous or individually framed LOUVRE.

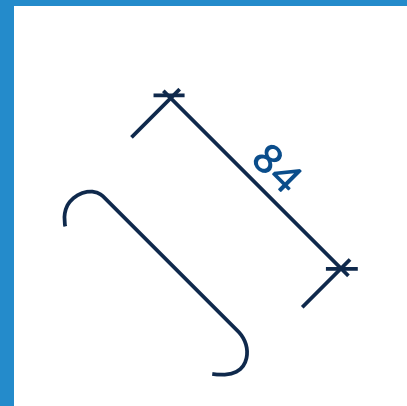
MATERIAL

LOUVRE blades: 0,6mm thick aluminium alloy
LOUVRE Stringer: 0,9mm thick aluminium alloy
LOUVRE mullions, brackets etc.: extruded aluminium alloy

FINISH

LOUVRE blades: pre-painted colour 1 side with marble white back. Coating is a 'Colour-Tech G4' paint system
LOUVRE stringer: pre-painted. Coating is a 'Colour-Tech G4' paint system
LOUVRE mullions, brackets etc. Either mill finished or powder coated to colour of choice.

BLADE PROFILE



HULA - SHADE STANDARD COLOURS

An advanced polymer coating system, which meets the demands of most applications. Long lasting and guaranteed against chalking, fading and blistering.



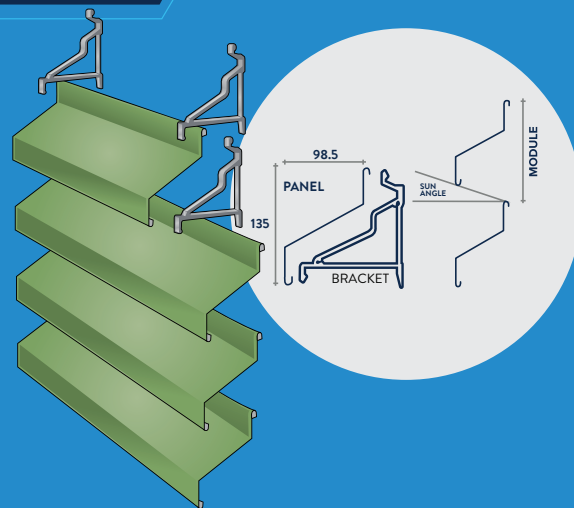
RVI TYPE-Z PROFILE SPECIFICATIONS

Roll formed pre-painted Z-shaped aluminium blades with rolled edges.
Continuous or individually framed Louvres

LOUVRE blades: 0,6mm thick aluminium alloy
LOUVRE mullions, brackets etc.: extruded aluminium alloy

LOUVRE blades: pre-painted colour 1 side with marble white back. Coating is a 'Colour-Tech G4' paint system
LOUVRE mullions, brackets etc. Either mill finished or powder coated to colour of choice.

SL 132Z

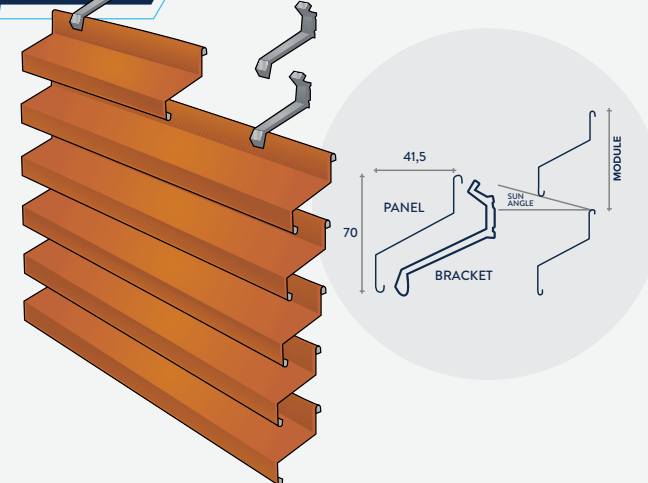


MODULE IN MM

SUN ANGLE A

32	0°
40	5°
50	10°
60	15°
70	20°
80	25°
90	30°
200	34°
210	38°
220	41°
230	44°
240	47°
250	50°
260	52°
270	54°
280	56°

SL 70Z



MODULE IN MM

SUN ANGLE A

70	0°
75	7°
80	14°
85	20°
90	25°
95	30°
100	35°
105	39°
110	43°
115	46°
120	49°
125	51°
130	54°
135	56°
140	57°

FIXING METHOD

LOUVRE blades are fixed by clipping to stringers without the use of any fasteners to allow for expansion and contraction along their length.

LOUVRE mullions shall be fixed to builders work at centres as per the table, dependent on site wind pressures (as calculated and specified by a structural engineer), with RVI type brackets and suitable fasteners/anchors.

The table indicates two graphs per wind load type, based on the application:

- If a multi-span LOUVRE system is required consult the "3 or more mullions" graph,
- When using 2 mullions, consult the "2 mullions" graph.

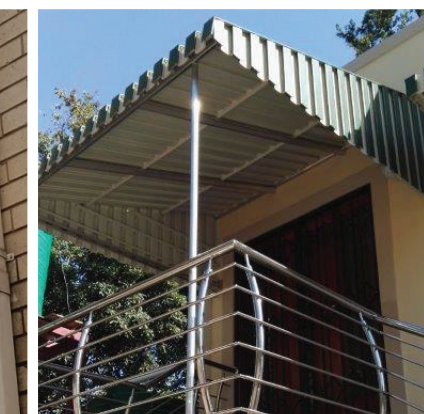
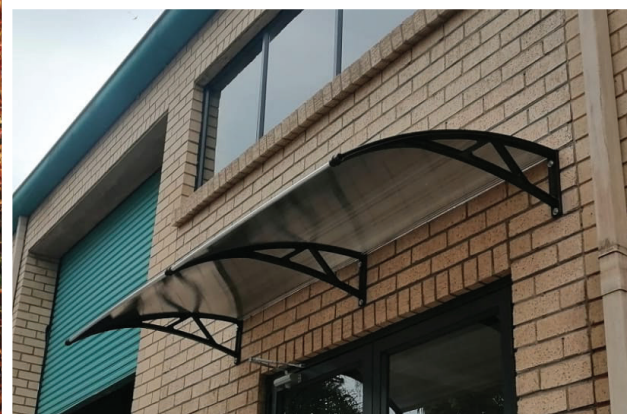














awnings | carports | shadeports

AWNMASTER®

Durban | KwaZulu Natal

tel: +27 (31) 701 4003

fax: +27 (31) 702 3912

sales@awnmaster.co.za

www.awnmaster.co.za

Call us to request your **FREE** quotation