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Product Specification

MS C 6.9 Crank Operated Fixed Guide Awnings

LIVING WITH LIGHT

Orig. Issue Date:	19-Apr-05	Reviewer:	Mark Khong
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Location	Computer File:	\\Common\contract\AA - Products\Outdoor Product Specification - MS C 6.9 Fixed Guide Awning (Crank)
	Hard Copies:	<ul style="list-style-type: none"> ▪ Production Office (Master Copy) ▪ Outdoor Work Area File

Document Revisions—		
Date	Description of change	Originated by—
19-Apr-05	Create Specification	Huib De Visser
30-Jul-09	Max Drop changed to 4000 mm, max Width change to 4400 mm, Steel and fabric cutting tolerance changed to ± 3 mm	Mark Khong
3-Jun-10	Specs Updated	Mark Khong
Feb 2011	Remove side hems from Screen fabrics	Mark Khong
Nov 2011	Side hems on all Screen fabrics except Outlook Mode & VWeave Plus fabrics, unless requested as No side Hems	Krishna
Jan 2012	Rollertube deduction altered from 55mm to 53mm	Krishna
Jan 2012	Changed available base finish options	Tony Shortland
Sep 2013	Removed Welding on the sides for Screen fabrics only	Krishna

Approval—			
Stakeholder	Position	Signature	Date
Krishna	Production Manager		
Andrew Rundle	Marketing Manager		

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PRODUCT SPECIFICATION

Product Name

Crank-Operated Fixed Guide Awnings

1. General Specifications

BLIND DIMENSIONS	Minimum (mm)	Maximum (mm)
Width	550	4400
Drop	500	4000

NOTES—

- Where blinds are **ordered outside this range**, customers must be referred to the Production Department. Blinds ordered that are outside this range should not be made without authorisation.
- OBM = Outside Box Measurement

CLOTH

Pattern	<ul style="list-style-type: none"> • As per Work Order • Pattern must be centred across the width of the Blind
Colour	<ul style="list-style-type: none"> • As per Work Order
Cut Width	<ul style="list-style-type: none"> • OBM – 40mm
Cut Drop	<ul style="list-style-type: none"> • Drop + 400mm
Spline to spline	<ul style="list-style-type: none"> • Drop + 200mm
Scallop	<ul style="list-style-type: none"> • Scallop to be used unless otherwise stated on Work Order • Scallop must be centred on fabric—avoid ‘duck tails’ where possible • Lowest point from Scallop to Spline Pocket = 160mm
Panel size	<ul style="list-style-type: none"> • Minimum width = 300mm

		Tolerance
Blind Width	<ul style="list-style-type: none"> • OBM – 100mm 	± 3 mm
Blind Drop	<ul style="list-style-type: none"> • As per Work Order (measured to bottom of scallop) 	

HEAD BOX

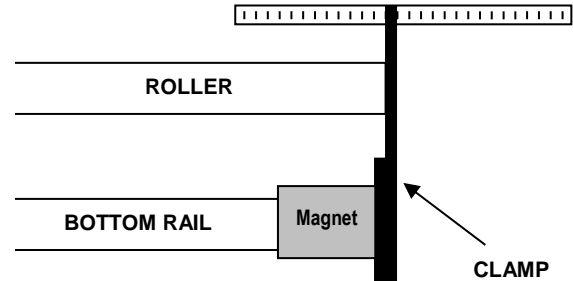
(WHERE FITTED)

Length	<ul style="list-style-type: none"> • OBM ± 2 mm
Colour	<ul style="list-style-type: none"> • As per Work Order
Ends	<ul style="list-style-type: none"> • Gear box must be firmly attached to Control side Box End—inside or outside as requested • Normal Idler end must be firmly attachly to other end • Idler end must be same colour as the Head Box

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1. General Specifications (cont'd)

BOTTOM RAIL

Type	<ul style="list-style-type: none"> Steel 	
Colour	<ul style="list-style-type: none"> As per Work Order or Must match Canvas backing colour as closely as practical 	
Cutting	<p>Must use Bottom Rail part of Clamp Guide (with magnet attachment as shown below) to get proper allowances:</p> <ul style="list-style-type: none"> With Headbox—set Clamp to OBM No Headbox— <ul style="list-style-type: none"> set Clamp to (PIN – 10mm) or (ROLLER + 30mm) 	
	Tolerance	
Actual Length	<p>With Headbox:</p> <ul style="list-style-type: none"> OBM – 98mm <p>No Headbox:</p> <ul style="list-style-type: none"> PIN – 108mm or ROLLER – 68mm 	± 3 mm
Weight Bar	<ul style="list-style-type: none"> Bottom Rail must be weighted For correct Steel Shaft length—set Clamp to (OBM – 45mm) Shaft must be inserted into the Bottom Rail For Blinds > 2400mm wide—2 shafts (= Double Weight) will be inserted into the Bottom Rail 	
End caps	<ul style="list-style-type: none"> 1 pair of FIXED GUIDE End-caps to be used End-caps to be firmly attached (rivetted) to the Bottom Rail No Pull-Down Ring 	

TOP ROLLER

Cutting	<p>Must use Roller part of Clamp Guide (as shown above) to get proper allowances:</p> <ul style="list-style-type: none"> With Headbox— <ul style="list-style-type: none"> Gearbox on outside: set Clamp to (OBM – 20mm) Gearbox on inside: set Clamp to (OBM – 10mm) No Headbox—set Clamp to (OBM + 15mm) <ul style="list-style-type: none"> what if PIN or ROLLER measurement?
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1. General Specifications (cont'd)

TOP ROLLER

(CONT'D)

		Tolerance
Actual Cut Length	<ul style="list-style-type: none"> With Headbox— <ul style="list-style-type: none"> – Outside Gearbox: OBM – 73mm – Inside Gearbox: OBM – 63mm No Headbox: OBM – 38mm 	± 3 mm
	<ul style="list-style-type: none"> Cut Length must = Blind Width 	± 2 mm
Diameter	<ul style="list-style-type: none"> 63.5mm 	
Spring Assembly	<ul style="list-style-type: none"> No Spring Assembly used 	
Ends	<ul style="list-style-type: none"> Drive Shaft must be inserted into the Control end Idler End must be firmly attached to the other end—with an Idler End-cap to be inserted 	

FINISHING—

Fabric	<ul style="list-style-type: none"> There must be no holes or dirty marks Any fabric flaws must be within the acceptable range identified in the Flaws folder at the Cutting Tables For patterned fabric—all blinds in the same order must be made with the same fabric orientation All Blinds of the same size, in the same Order, must be cut the same—that is, so the pattern matches All Blinds in the same Order must be centred on the same part of the pattern 								
Squareness	<ul style="list-style-type: none"> Tolerance of ± 3 mm 								
Sewing	<ul style="list-style-type: none"> All stitching must be straight—with no more than ± 1 mm deviation over 1 metre of sewing <div style="text-align: center;"> </div> <ul style="list-style-type: none"> Spline must be sewn on straight There must be no gaps or loose stitching All Canvas type fabrics must have a 30mm hem on each side All Screen fabrics to be Ultrasonically cut to seal the edges All Screen type fabrics will have no hems on the side unless there is a join the fabric. Minimum Panel size = 300mm Panel join overlap = 30mm Joins can be anywhere on Blind—as long as: <ul style="list-style-type: none"> – panels in Blinds from the same Order are same width: <div style="display: flex; justify-content: center; gap: 20px;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <table border="1" style="margin: 0 auto;"> <tr> <td style="width: 30px; height: 30px;">300</td> <td style="width: 30px; height: 30px;">600</td> <td style="width: 30px; height: 30px;">600</td> <td style="width: 30px; height: 30px;">300</td> </tr> </table> <p>✓ Acceptable</p> </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <table border="1" style="margin: 0 auto;"> <tr> <td style="width: 30px; height: 30px;">300</td> <td style="width: 30px; height: 30px;">600</td> <td style="width: 30px; height: 30px;">500</td> <td style="width: 30px; height: 30px;">400</td> </tr> </table> <p>✗ Not Acceptable</p> </div> </div>	300	600	600	300	300	600	500	400
300	600	600	300						
300	600	500	400						

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1. General Specifications (cont'd)

Binding	<ul style="list-style-type: none"> All Blinds will have Binding to finish off the Bottom Flap Binding type—as per Work order Binding colour—as per Work Order Thread used must match the Binding colour
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FINISHING (CONT'D)

Construction	<ul style="list-style-type: none"> The awning must fit within the Head Box There must be a Roller attached to the top spline There must be a Bottom Rail attached to the bottom spline There must be a Bottom Flap (scalloped or flat edge) extending at least 160mm beyond the bottom spline The Bottom Flap must be finished with Binding
Function	<ul style="list-style-type: none"> Blind must pull up & down smoothly Blind must roll up straight

COMPONENTS INCLUDED

Brackets	<ul style="list-style-type: none"> 1 pair of Fixed Guide L Brackets
Guides	<ul style="list-style-type: none"> 1 pair of Fixed Guides Guide Length = Blind Drop
Crank Handle	<ul style="list-style-type: none"> 1 Crank Handle
For Blind with no Headbox	<ul style="list-style-type: none"> 1 set of Universal Mounting Brackets 1 Pivot Pin & End Plate to suit Gearbox

2. Options

	Standard	Available Options
Weave orientation	Standard	None
Cloth Finish	Scallop Flap (<i>with Binding</i>)	Straight Flap Hemmed Straight Flap with Bias 5 Sided Exposed Base Rail
Lift Control	Crank-operated	None
Head Box	Included	No Head Box
Head Box Standoutmm	No other options
Guide Length	Blind Drop	As requested
L Brackets	300mm	150mm;
Crank Handle	1500mm	2500mm
Control Side	Must specify	Left or Right (<i>when looking from outside</i>)
Extra Componentry	None	See Appendix 2 for full list. Only include when ordered.

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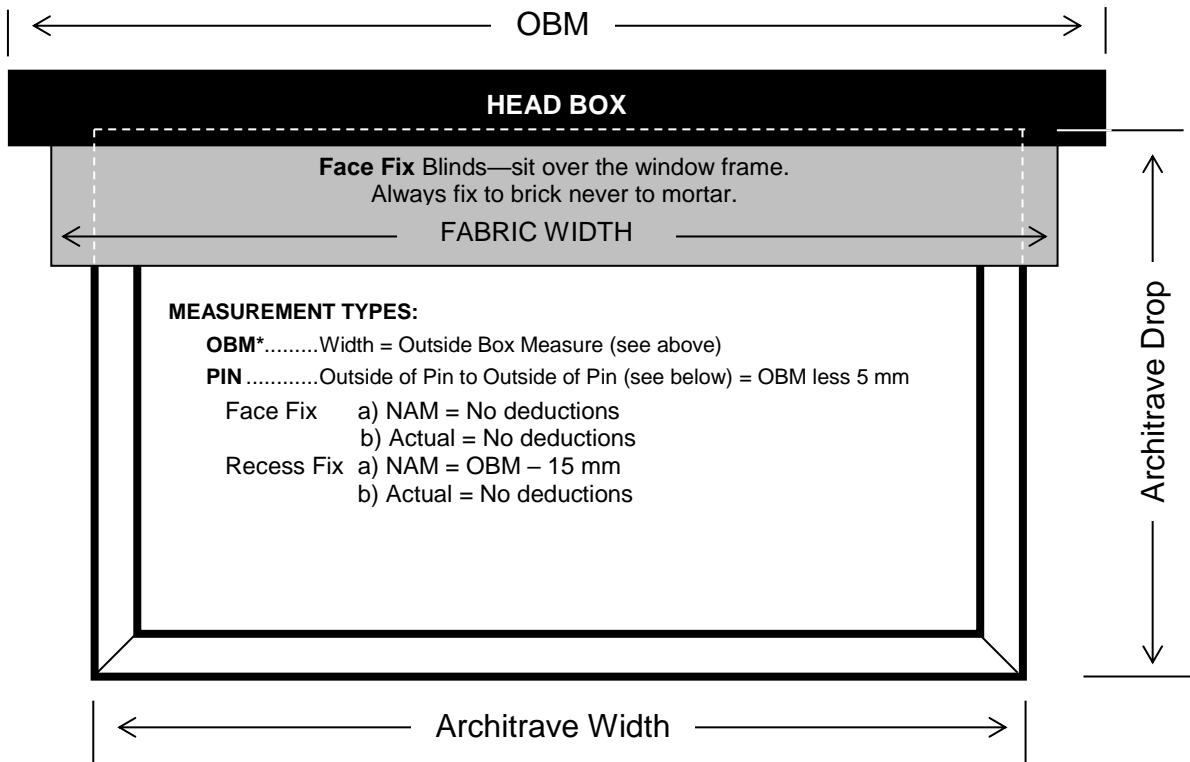
2. Options (cont'd)

Fabric type & colour	<ul style="list-style-type: none"> As per the Work Order
Binding type & colour	<ul style="list-style-type: none"> As per the Work Order
Head Box colour	<ul style="list-style-type: none"> As per the Work Order
Bottom Rail colour	<ul style="list-style-type: none"> As per the Work Order

NOTE: Options should only be used if they are noted on the Work Order. Otherwise STANDARD fittings must be used.

OTHER NOTE: Colour may vary from dye lots to dye lot.

3. Standard Measurement Terminology



Type	Blind Type	Width (mm)	Drop (mm)
Brick House <i>(Headbox will sit over the top of the window)</i>	Winch	<ul style="list-style-type: none"> Arch. Width + 300mm 	<i>If window goes to eaves:</i> <ul style="list-style-type: none"> Eave to top of Brick Sill <i>If brick courses over window:</i> <ul style="list-style-type: none"> From 2 brick courses above window to top of Brick Sill
	All Others	<ul style="list-style-type: none"> Arch. Width + 150mm 	
Timber House <i>(Headbox will sit on the Architrave)</i>	Winch	<ul style="list-style-type: none"> Arch. Width + 100mm <i>(Arch. Width can be done, but will increase cable noise)</i> 	<ul style="list-style-type: none"> Architrave Drop
	All Others	<ul style="list-style-type: none"> Architrave Width 	
Aluminium Windows <i>(no Architraves)</i>	Winch	<ul style="list-style-type: none"> Window Width + 100mm 	<ul style="list-style-type: none"> Window Frame Drop
	All Others	<ul style="list-style-type: none"> Window Width + 100mm 	

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NOTES ~

* If there is no other indication on the Order, the standard Cord Lift Control will be used.

** If there is no indication on the Order, it will be assumed that measurements given are OBM.

*** Always fix to brick never to mortar.

4. Packaging & Labelling

- Each Blind will be individually packed in a polythene bag.
- Small components are sealed in a separate plastic bag. A Fitting Instructions leaflet is to be supplied for every order.
- Components bags, Guides & Pull-down Rod are held together with cable ties.

The following additional packaging applies to delivery by external Courier only:

- A maximum of 2 Blind packs are packaged together in a triangular cardboard box—cut to accommodate the Blind width.
- Blind packs will be taped together—not too tightly—to minimise movement during transport.
- Packages may contain scrap packaging materials, such as bubble wrap and cardboard that is used to stop movement of Blinds within the package during transport.
- Each cardboard package will be labelled with the Customer's name & the Customer Order Number.

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Appendix 1

AWNINGS—EXTRA COMPONENTRY LIST

Extra Components		Can be used with:					Used for:
PART NO.	PART NAME	AUTO	STRAP-DOWN	FIXED GUIDE	ROPE & PULLEY		
AC680-SD AC680-H	Side Fix Brackets	✓	✓	✓			Side Fixing in between pillars Side Fixing to wall for use with guides Corner or semi-Recess Windows
AC635	Hood Stand-out Brackets 25mm 90mm 125mm	✓	✓	✓			To compensate for brick on corner windows, etc. Protruding Windows
AC620	Guide Top Hat Stand-out Brackets 25mm 90mm 125mm	✓					To build Guide out to compensate for brick or to overcome obstructions Protruding Windows
AC710-L AC710-S	Telescopic Corner Brackets Large—for Box or Top Guide Small—for Bottom	✓		✓			Used for Corner windows
AC645-D AC645-S	Mullion Plates DOUBLE or SINGLE	✓	✓	✓			For butting Blinds on narrow mullions
AC685-B AC685-W	Sill Insert			✓			For Internal Fixing
AC670	Rope Cleat			✓	✓		To tie off Cord at required height
AC660-D AC660-S	Pulley DOUBLE or SINGLE			✓	✓		For external operation—to overcome many obstructions
AC660-D AC660-S	Pulley Bracket DOUBLE or SINGLE Projections— 150mm 300mm (std)			✓			For internal operation
AC260-M AC260-P	Pull Down Ring METAL or PLASTIC	✓	✓	✓			Extra Rings may be needed for wide Blinds
AC600	Breeching Staple		✓		✓		For Strap-down Blinds
AC705	Straps 300mm 450mm 600mm 750mm 900mm 140mm 150mm		✓		✓		For Strap-down Blinds
AC700	Strap Adaptor		✓		✓		For Strap-Down Blinds
AC603	Dog Clip, Screw Eyes and Chain Adaptor		✓		✓		For Strap-down Blinds