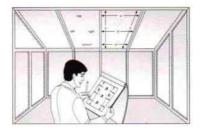


PLEATED TECHNICAL MANUAL

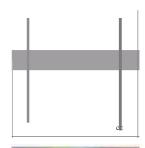
Section 1



Measuring Guidelines

1.1	VS1 , VS3 , F1 , F3	Page 4
1.2	VS4, F2 Slope, Fixed Panels	Page 5
1.3	Conservatory Roof Blinds	Page 6

Section 2



Model Types for Freehanging Blinds

Pre-Tensioned Blinds

2.1 VS1, VS1 BR, VS3

Freehanging Blinds

Page 10

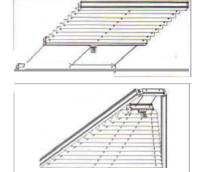


2.2 F1, F3 Page 11

Fixed Panels and Shaped Side Windows



Section 3



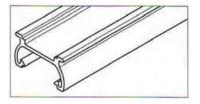
Model Types for Roof Blinds

3.1	PL11 Rectangular Blinds	Page 16
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Section 4



System Information

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4.3	Operation	Page 22

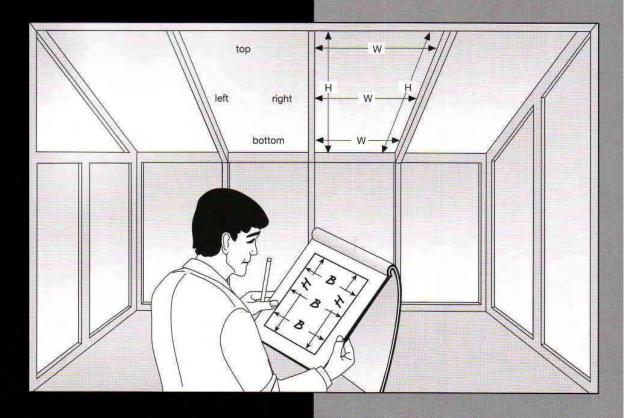
Section 5



Fitting Instructions

5.1	F1, F3 Freehanging Blinds	Page 24
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5.3	F Slope 2 Shaped Side Blinds	Page 26
	VS4 Shaped Side Blinds	Page 27
5.4	PL11 Rectangular Roof Blinds	Page 28
5.5	PL41/PL42 Pentagonand Hexagon Roof Blinds	Page 29
5.6	PL30/PL31 Trapezium Roof Blinds	Page 30

A F F I N I T I BLINDS FOR LIVING

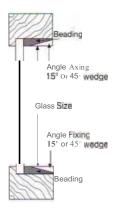




1.1 VS1, VS3, F1, F3

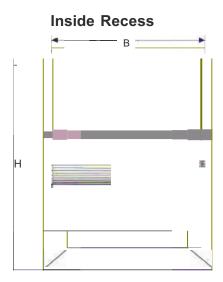
The width and height in either recess or blind size is all that is required to order these type of blinds.

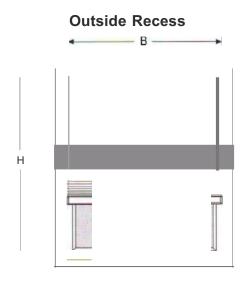
Blind size is the recess measurement - 5mm

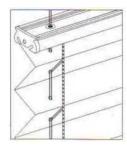


If you are measuring to fit the blind to the window beading, please always give the glass size measurement as blind size and ask for the fabric to be wider than the rail to ensure that when the blind is installed the fabric covers the glass. You will need to use either 15° or 45° wedges during fitting.

Please remember when fitting to the window frame always allow for window furniture and measure the width (8) and height (H) including the overlay to give a blind size measurement.

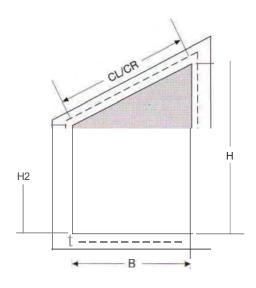






As standard the width of the fabric is cut to the same size as the rail (excluding end caps). The end cap design will allow for the fabric width to be greater than the rail width. Please specify fabric width if this is required.

1.2 VS4, F Slope 2, Fixed Panels



We require all 4 sides measurements as per the diagram. Blind size is recess minus -5mm. If fitting on the window frame please allow for overlay and then give measurements as blind size.

Please note that we can only manufacture blinds with an angle between $5-60^{\circ}$ for a VS4 and between $5-50^{\circ}$ for a F2 slope.

H = Height
B = Width

H2 = Short Height

CUCR = Left/Right Hypotenuse



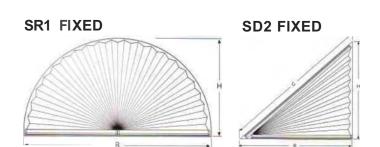




On a VS4 Slope the triangular section is fixed and on a F Slope 2 the blind retracts fully to the angled rail.

Fixed Panels - SR1, SD2

Please always enclose with your order a drawing with the required measurements as indicated.



H = Height

B = Width

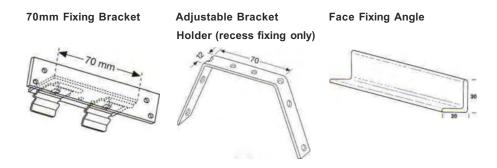
C = Left/Right Hypotenuse



1.3 Conservatory Roof Blinds

There are many different types of conservatory roofs and it is important that when you measure for pleated blinds you always measure from inside the conservatory looking up.

Always consider which type of brackets and fixings you will be using prior to measuring as you may need to make allowances in your measurements if using alternative fixings. When measuring using the brackets below always mark the frame where the bracket/fixing angle will be fitted with a pencil and measure from this point.



We can accept measurements in either recess, blind size or rail size but please read the information below carefully to determine which type of measurement you wish to use.

Recess Size

Please only give **recess measurements** if wish us to make the necessary deductions for the blind to fit within the area that you have measured.

Blind Size

If you give a measurement as blind size on a shaped pleated blind (PL30 and PL31 only) then we will make deductions to the bottomrail only to allow for the rails to fit in the corner of the triangle. These deductions are calculated on the angle of the blind and will vary from blind to blind.

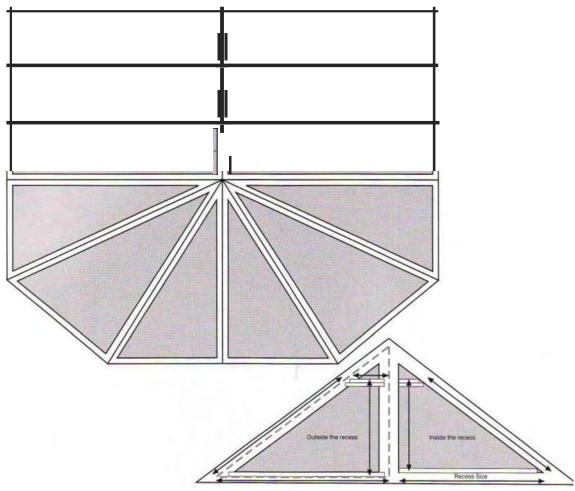
In this instance blind size is the area you wish to cover with the blind and should not be confused with rail size.

If a measurement is given as blind size on all other types of roof blinds (PL11, PL41 / PL42) then the blind will be manufactured exactly to that size.

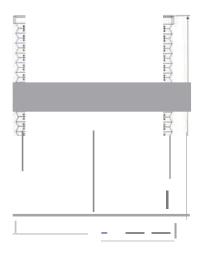
Rail Size

If you give a measurement as rail size then all the rails will be manufactured exactly to that size and no deductions will be made.

A clearly marked sketch of the conservatory roof detailing the shapes and sizes of each blind must be provided at all times. When measuring shaped pleated blinds, please ensure you measure the top rail parallel to the base rail. This will avoid problems when fitting.



PL11 Rectangular Roof



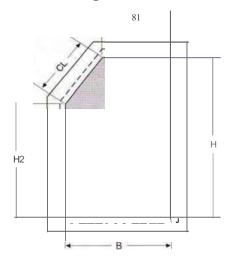
To ensure correct fit always measure the window in several places, and use the narrowest measurement for ordering.

The width and height in either recess or blind size is all that is required to order these type of blinds.

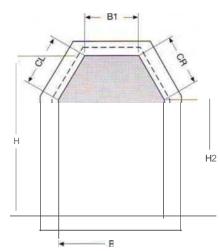
Blind size = recess - 5mm



PL41 Pentagon Roof Blind



PL42 Hexagon Roof Blind



When measuring PL41/PL42 blinds it is imperative that you provide us with the measurements for all sides as indicated on the drawings above. These blinds have a right angle at each side of its base (B) and the top (B1) must be parallel to the base.

= Bottom Width

81 = Top Width

Perpendicular Height

H2 = Short Height

CL = Left Hypotenuse

CR = Right Hypotenuse

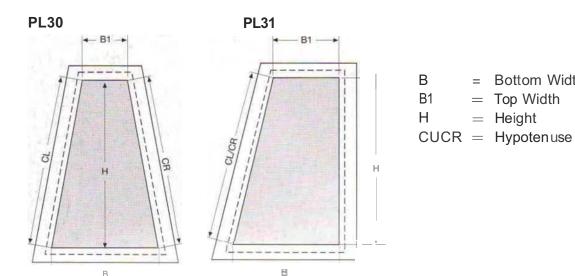
Blind Size = Recess - 5mm

= Bottom Width

= Top Width = Height

PL30/PL31 Trapezium Roof Blinds

Please always ensure you give the measurements for all sides of the blinds and the perpendicular height and specify clearly on your order if you require the blinds to be manufactured with or without side bars.

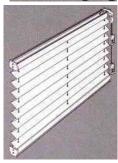




Pre-Tensioned Blinds



Freehanging Blinds



Fixed Panels



Shaped Side Blinds



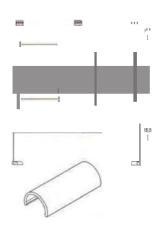


2.1 VS1, VS1 BR, VS3

Min Width: 120mm Max Width: 1500mm
Min Height: 200mm Max Height: 1500mm

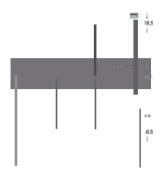
Or

Min Width: 120mm Max Width: 1200mm Min Height: 200mm Max Height: 2200mm



The VS1 blind is the perfect solution for all vertical tilt and turn windows and an alternative option to the standard F1 freehanging blind.

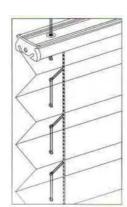
A VS1-BR blind is manufactured exactly the same as a standard VS blind but is supplied with a tensioning rail. The mounting rail completely covers the tension shoes and the floating rail then covers the mounting rail when the blind is in the closed position. This type of blind is often used when fitting inside rounded or angled beading. You may need to use either 15° or 45° wedges during fitting.



The VS3 night and day blind is perfect for combining privacy and protection.

Every blind is manufactured using 2 different qualities of fabrics. A transparent or opaque fabric is often used for day time protection from the sun, and a blackout or dimout quality for evening privacy.

The VS blind eliminates the necessity to have long cords as often found on freehanging blinds. There is no fixed bottomrail and operation is via a handle that is positioned on the floating bottomrail. The blind is held in position using cord guides fixed to the window sill using tension shoes.

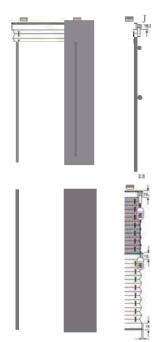


Important Information

As standard the width of the fabric is cut to the same size as the rail (excluding end caps) on all VS Blinds. The end cap design will allow for the fabric width to be greater than the rail width. Please specify fabric width if this is required.

2.2 F1, F3

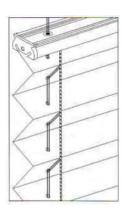
Min Width: 150mm Min Height: 300mm Max Width: 2200mm
Max Height: 2600mm



The F1 freehanging blind is operated using a pull cord that is equipped with a cord lock to enable the blind to be raised or lowered and set in any position. The cord lock can be positioned on either the left or right side.

The F3 night and day blind is perfect for combining privacy and protection. The F3 blind is manufactured with 2 cord locks positioned on opposite sides.

Every blind is manufactured using 2 different qualities of fabrics. A transparent or opaque fabric is often used for day time protection from the sun, and a blackout or dimout quality for evening privacy.



Important Information

As standard the width of the fabric is cut to the same size as the rail (excluding end caps) on all F Blinds. The end cap design will allow for the fabric width to be greater than the rail width. Please specify fabric width if this is required.

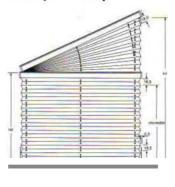
It is also highly recommended that blinds are over 1200mm wide with a drop greater than 1800mm are manufactured with an equal pleat loop cord as the weight of the fabric may distort the pleat.



2.3 VS4, F Slope 2 Shaped Side Windows

VS4 and F4 pleated blinds are perfect for shaped side windows. On a VS4 the triangular section at the top of the blind is fixed. There is a fixed middle rail and operation is via a handle that is positioned on the floating bottomrail. The blind is held in position using cord guides fixed to the window sill using tension shoes.

VS4 (5° - 60°)



Min Base Width: 300mm
Max Base Width: 1500mm
Min Height: 300mm

Max Height: 1500mm Max Slope Width: 2300mm

OR

Min Base Width: 300mm
Max Base Width: 1200mm

Min Height: Min Height: 300mm Max Height: 2200mm

Max Slope Width: 2300mm

F Slope 2 (5° - 50°)

The F Slope 2 blind is operated using a pull cord that is equipped with a cord lock to enable the blind to be raised or lowered and set in any position. The triangular section is also operated by using a pull cord and cord lock mechanism so the blind retracts fully to the angled rail.



Min Base Width: 300mm

Max Base Width: 1100mm - 50°

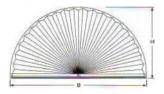
1600mm - 45° 1900mm - 30° 2200mm - 15°

Max Height: 2600mm Max Slope Width: 2300mm

2.4 SR1, SD2 Fixed Panels

The SR1 and SD2 fixed panels are ideal for either arched or triangular shaped side windows.

SR1 Circular Fixed Panel



Min Width: 300mm Max Width: 1500mm

Min Height: 150mm Max Height: 750mm

SD2 Triangular Fixed Panel

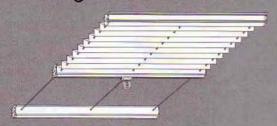


Min Width: 200mm Max Width: 1600mm

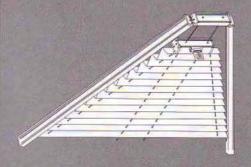
Min Height: 200mm Max Height: 1600mm

A F F I N I T I

Rectangular Blinds

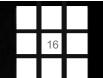


Shaped Roof Blinds









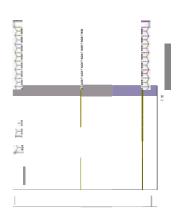
Conservatory Roof Blinds

All pleated conservatory roof blinds have a fixed top and bottomrail with a floating mid rail attached to the fabric. They are operated by moving the mid rail up or down depending on the installation method. The rail will travel parallel to the head and bottom rails due to the figure of eight cording method. Teflon coated steel wires (optional black or white) are used to ensure smooth operation of the blind and to minimise sagging, these can be tensioned on site. All roof blinds are manufactured using our loopcord to ensure the blind has equal pleated and retains its shape.

Obtuse Blinds

If a pleated roof blind has an angle greater than 90° then this is classed as an obtuse blind. It is possible to manufacture these type of blinds as fixed model types (non operational) but it is dependant on the height and width of the blind. A template must be supplied in all instances and only on review of the template are we able to confirm if they can in fact be manufactured.

3.1 PL11 Rectangular Roof Blinds



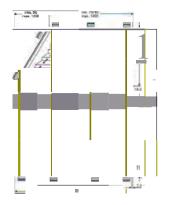
Min Width: 200mm Max Width: 2000mm

Min Height: 300mm Max Height: 3800mm

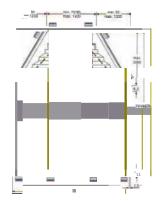
3.2 PL41/PL42 Hexagon & Pentagon Roof Blinds with Side Bars

To prevent the blinds from fanning we offer the option of side bars. These side bars are fixed parallel to the sloping sides and house a cording system that eliminates fanning. The teflon coated steel supporting cables are also secured in the side bars ensuring accurate and easy fitting.

PL41 with Side Bars



PL42 with Side Bars



Min Top Width: 70mm

Min Base Width: 300mm
Max Base Width: 1500mm

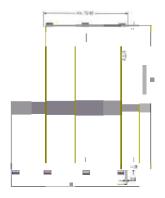
Min Height 300mm Max Height 3800mm

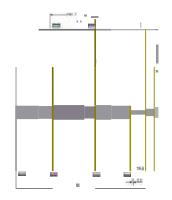
Max Height: Trapezium 200cm

PL41/PL42 Hexagon & Pentagon Roof Blinds without Side Bars

PL41 without Side Bars

PL42 without Side Bars





Min Top Width: 70mm

Min Base Width: 300mm Max Base Width: 1750mm

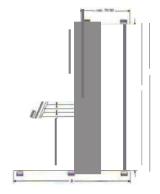
Min Height: 300mm Max Height: 3800mm

3.3 PL30/PL31 Trapezium Roof Blinds with Side Bars

To prevent the blinds from fanning we offer the option of side bars. These side bars are fixed parallel to the sloping sides and house a cording system that eliminates fanning. The teflon coated steel supporting cables are also secured in the side bars ensuring accurate and easy fitting.

PL30 with Side Bars

PL31 with Side Bars



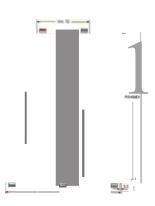
Min Top Width: 70mm

Min Base Width: 300mm
Max Base Width: 1500mm

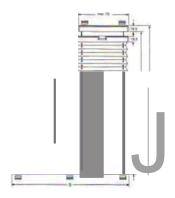
Min Height: 300mm Max Height: 2000mm

PL30/PL31 Trapezium Roof Blinds without Side Bars

PL30 without Side Bars



PL31 without Side Bars

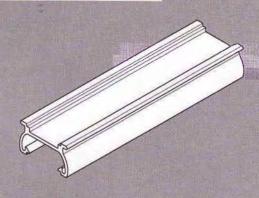


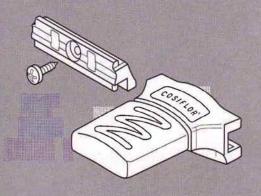
Min Top Width: 70mm

Min Base Width: 300mm
Max Base Width: 1750mm

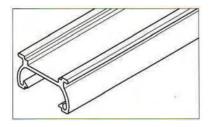
Min Height: 300mm Max Height: 3000mm

A F F I N I T I





4.1 Head and Bottom Rail Information



Head and bottom rails are made of extruded aluminium and are available in 2 colours. White powder coating as standard, black-brown powder coating available upon request. All visible components and accessories are coordinated with the head and bottom rails in either white or black-brown.

Freehanging Blinds

Model Type	Top Rail	Moving Rail	Bottom Rail	Diagonal Rail
F1 Freehanging Blind with Cord Lock	20x18.5mm		20x18.5mm	
F3 Freehanging Blind with Cord Lock	20x18.5mm	20x18.5mm	20x18.5mm	
F Slope 2 Freehanging with Cord Lock	20x18.5mm		20x18.5mm	20x18.5mm

Pre-Tensioned Blinds and Fixed Panels

Model Type	Top Rail	Moving Rail	Bottom Rail	Diagonal Rail
VS1 Pre-Tensioned Blind	20x18.5mm		20x18.5mm	
VS1 - BR Pre-Tensionsed blind	20x18.5mm	20x18.5mm	11.4x7.5mm	
VS3 Pre-Tensioned Blind	20x18.5mm	20x18.5mm	20x18.5mm	
VS 4 Sloping Pre-Tensioned Blind		20x18.5mm	20x18.5mm	20x11.6mm
SR1 Circular Fixed Panel			20x11 .6mm	
S02 Triangular Fixed Panel			20x11.6mm	20x11.6mm

Roof Blinds without Side Bars

Model Type	Top Rail	Moving Rail	Bottom Rail
PL11 Rectangular Roof Blind	20x18.5mm	20x18,5mm	20x18.5mm
PL41 Pentagon Shaped Blind	20x18.5mm	20x18.5mm	20x18.5mm
PL42 Hexagon Shaped Blind	20x18.5mm	20x18.5mm	20x18,5mm
PL30 Trapezium Shaped Blind	20x18.5mm	20x18.5mm	20x18,5mm
PL31 Trapezium Shaped Blind	20x18.5mm	20x18.5mm	20x18,5mm

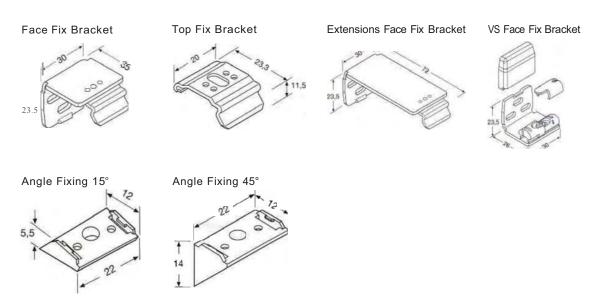
Roof Blinds with Side Bars

Model Type	Top Rail	Moving Rail	Bottom Rail	Diagonal Rail
PL41 Pentagon with Side Bars	20x11.6mm	20x18.5mm	20x18.5mm	20x11.6mm
PL42 Hexagon with Side Bars	20x11.6mm	20x18.5mm	20x18.5mm	20x11.6mm
PL30 Trapezium with Side Bars	20x11 .6mm	20x18.5mm	20x18.5mm	20x11.6mm
PL31 Trapezium with Side Bars	20x11.6mm	20x18.5mm	20x18.5mm	20x11 ,6mm

4.2 Bracket Options

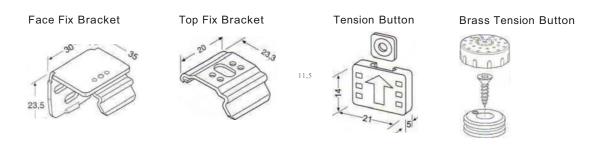
All brackets and fastenings are colour coordinated with head and bottomrails. Always consider the type of fixings you are using when measuring as you may need to order extension brackets to avoid any window furniture. Please write your bracket requirements clearly on your order.

Freehanging and Pre-Tensioned Blinds



All Skylight Blinds (PL11, PL30, PL31, PL41, PL42)

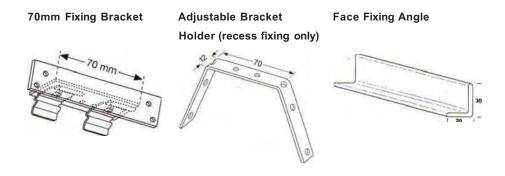
Always consider which type of brackets and fixings you will be using prior to measuring as you may need to make allowances in your measurements if using alternative fixings.



Extension Face Fix Bracket



Sometimes it is difficult to get good fixings in the apex of the conservatory. These problems can be overcome by using other types of fixings such as the aluminium powder coated fixing angle, the 70mm fixing bracket or the adjustable bracket holder. This then makes a solid fixing onto which a standard top fix bracket can be mounted.

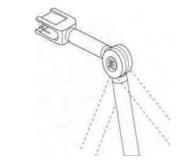


4.3 **Operation**

All roof blinds are operated by using an operating rod. There are 2 types of operating rods available in four different sizes: 1000, 1500, 2000, 3000mm,

Type A: Without Joint

Type B: With Joint



A F F I N I T I





5.1 Freehanging Blinds

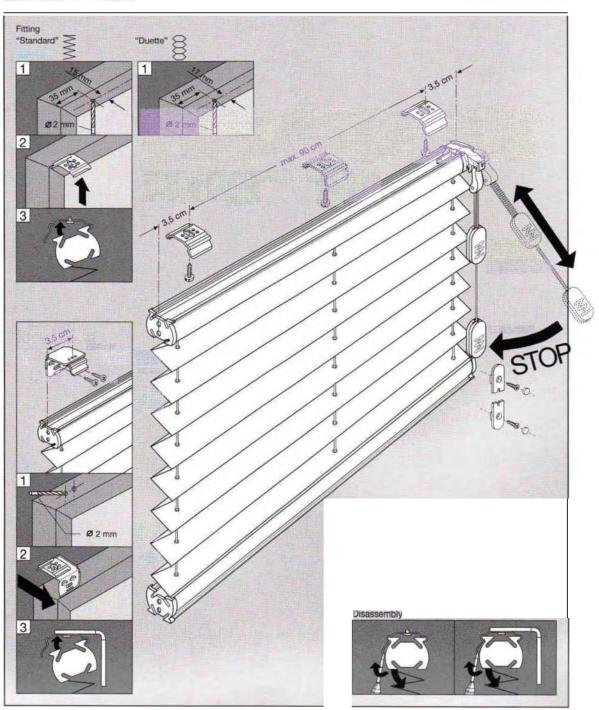


AFFINITI™ **F1, F3**

Freehanging with cord lock

AFFINITI





5.2 Pre-Tensioned Blinds



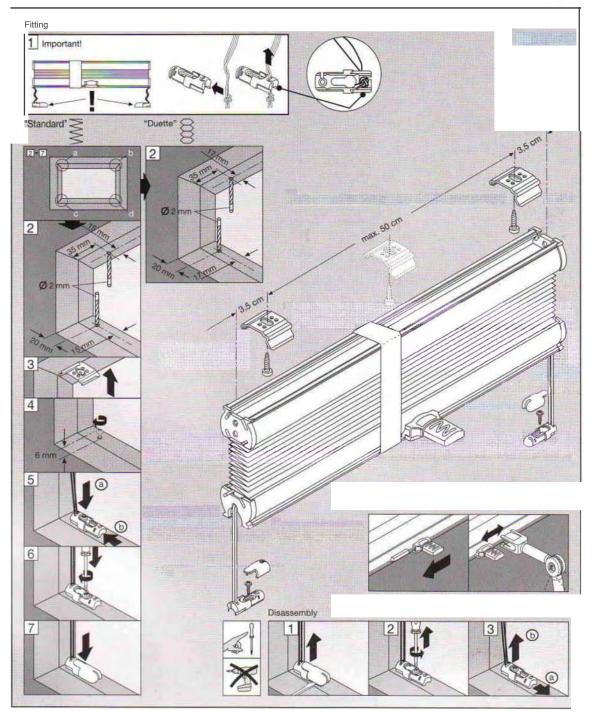
AFFINITr"VS1, VS3

Please use enclosed screws only

AFFINITI'







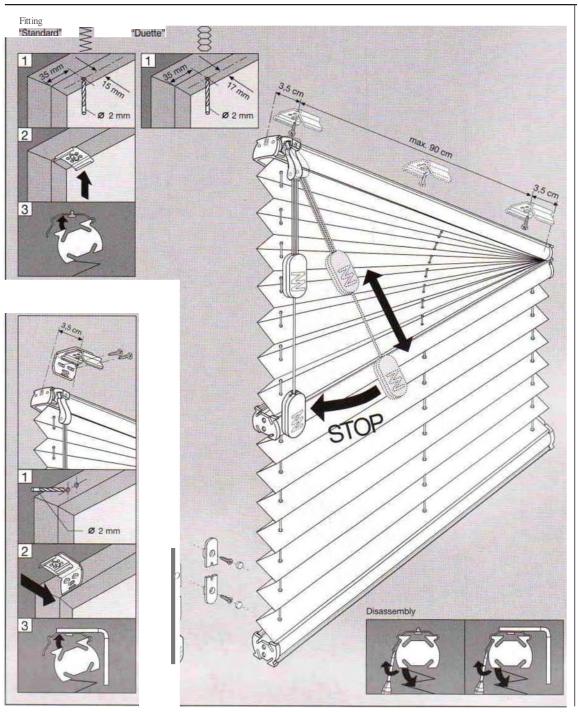
5.3 Shaped Side Blinds



AFFINITI™ F Slope 2

Freehanging with cord lock

AFFINITI



5.3 Shaped Side Blinds

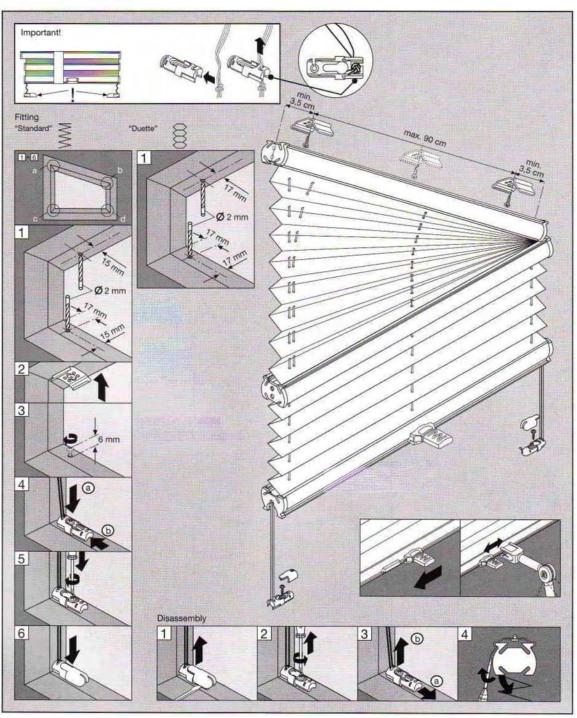


AFFINITr" VS4 Slope

Please use enclosed screws only

A FFI N ITI'





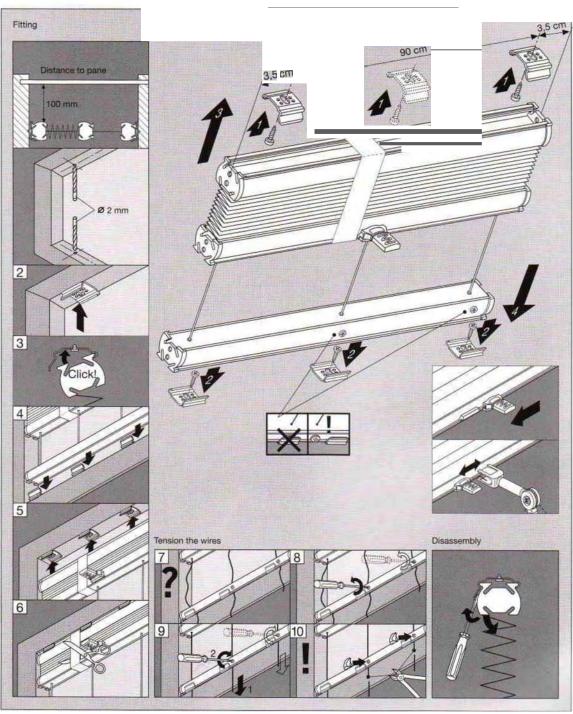


5.4 Rectangular Roof Blinds



AFFINITr"PL11

AFFINITI'



5.5 Pentagon and Hexagon Roof Blinds



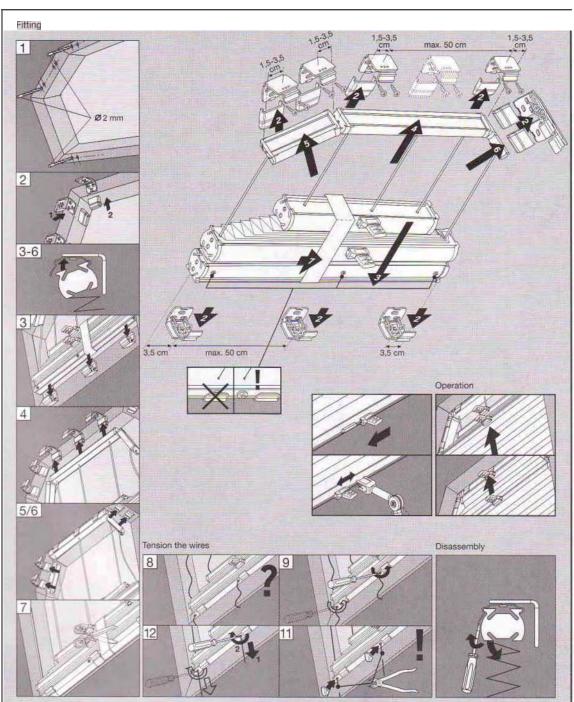
AFFINITI* PL41, PL42 with Side Bars

Fitting instructions with side bars











5.6 Trapezium Roof Blinds



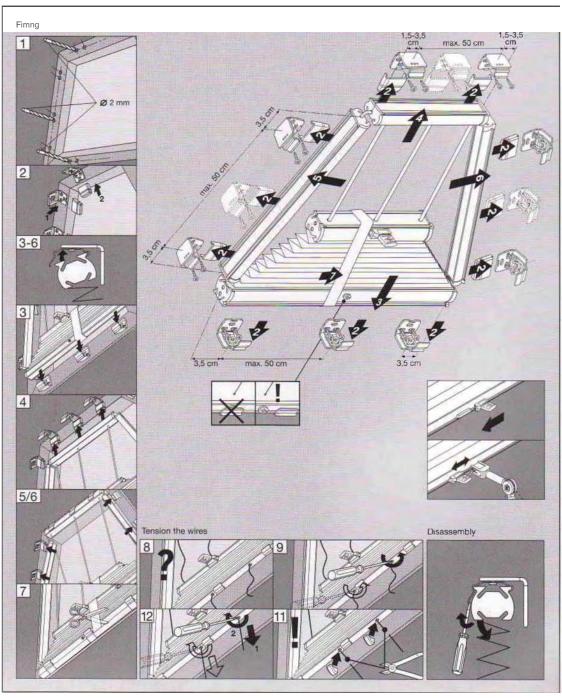
AFFINITI PL30, PL31 with Side Bars

Fitting instructions with side bars

A F FIN IT I"







5.6 Trapezium Roof Blinds



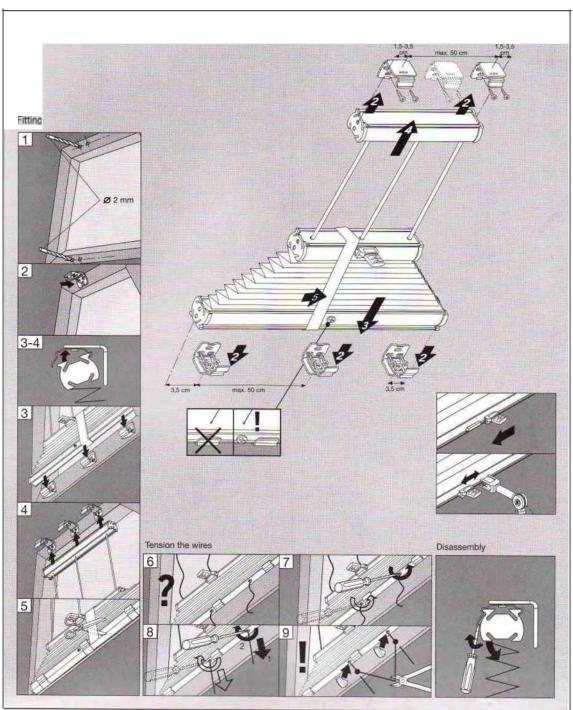
AFFINITI" PL30, PL31 without Side Bars

Fitting instructions with side bars

AFFINITI







SPECIAL INSTRUCTIONS:

ORDER FORM

FOR OFFICE USE

SIGNATURE:

BLINDS FOR LIVING	ORDER	K FORIVI	ref <u>No. 1</u>	_
Account Name:	Fabric Name:		AILS:	
Account No	Fabric Colour:			
Order No:	Teflon Colour:	· ·	POSTCO	
Order Date:		B =Bottom Width - B1 H Perpendicular Heigh	=Top Width - CL =Left Hypotenuse - ont - H2 Short Height	CR =Right Hypotenuse
Rail Colour	Side Bars	Blind Size	Recess Size	Rail Size
D White O Black/Brown	DYes D No			
Blind Ref. B B1 H H2 CL CR Control: D LH D RH	Blind Ref. B B1 H H2 CL CR Control: D LH D RH	Blind Ref. B B1 H H2 CL CR Control: D LH D RH	Blind Ref. B B1 H H2 CL CR Control: D Li	H DRH
Bracket Type:	Bracket Type:	Bracket Type:	Bracket Type:	
Blind Ref. B B1 H H2 CL CR	Blind Ref. B B1 H H2 CL CR	Blind Ref. B B1 H H2 CL CR	Blind Ref. B B1 H H2 CL CR	
Control: D LH D RH	Control: D LH O RH	Control: D LH D RH	Control: D LF	H D RH
Bracket Type:	Bracket Type:	Bracket Type:	Bracket Type:	

