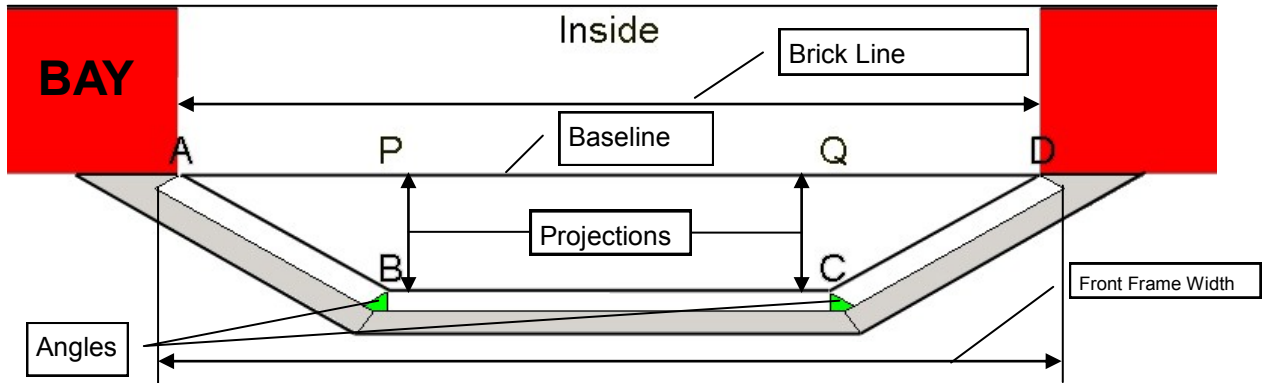
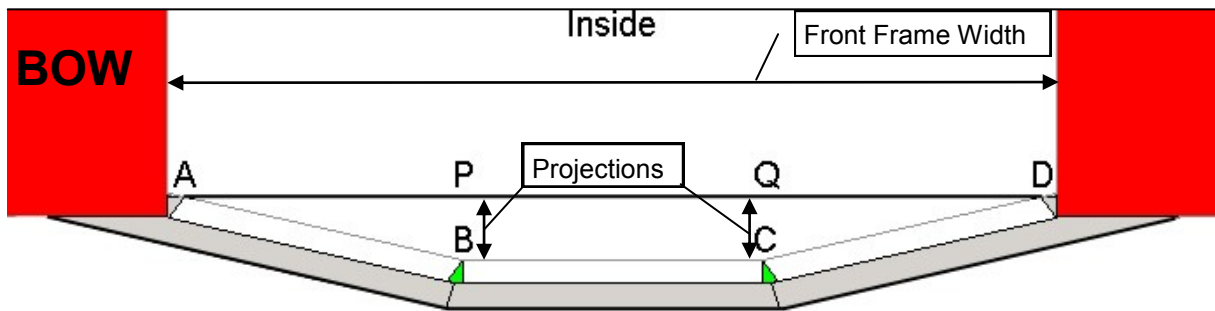




1.0 Bay and Bow Information



Bay information. To start measure the existing frames wooden or plastic. Measure the base line and the angles or the projection of the bay. We will do the rest.



Bow information. To start Bow's are different than bays as originally there was no bay. These are know as bow bay conversions. The reason it's a conversion is usually there used to be a normal window in the hole and the customer wants a bow bay conversion. First you will need to measure the front frame width or Brick to Brick size and the projection which is measured from the reveal. The frames sizes are usually all the same size this only changes when static or variable bay poles are used.

<p>Standard BOW</p> <p>Bay to Reveal, Measure to Back of Cill</p>	<p>Standard BAY</p> <p>Bay to Outer Wall, Measure to Rear of Frame</p>
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ALL FRAME SIZES SHOULD BE INTERNAL

Bay and Bow Pole Information



1.0 Bay and Bow Pole information

Window Widgets Standard Pole

Our Standard pole's for Kommerling/ Aluplast/ Swish (Can be Load bearing on Request by using Bay Jacks)

Window Widget 135 Static pole (-5mm Deduction)

Window Widget Variable (120-173) Pole See Charts for deduction

Window Widget 90 Square Post. No Deduction Necessary

Used on Kommerling, Aluplast and Swish Products

Kommerling Pole

Kommerling bay pole can be ordered on an extended lead (Cannot be load Bearing) Only For Kommerling

Kommerling 135 Static Pole (-6mm Deduction)

Kommerling Variable Bay Pole (105—170) Pole See Charts for deduction

Kommerling 90 Square Post No Deduction necessary

Availability

Window Widget

All Colours available

Kommerling

All Colours available

When Requesting no Bay Poles flexi strip may be used:

These come in white in 50mm and 100mm and oak and rosewood in 70mm.

Window Widget Pole Deductions

Angle	Internal	External
118		-44
120	3	-42
125	4	
130	4.5	
135	6	-35
140	7.5	
145	9	
150	10.5	
155	12	
160	13.5	
165	14	
170	15	
173	16	

Kommerling Pole Deductions

Angle	Kommerling Variable Internal	Kommerling Variable External
105		53.71
110	2.67	51.68
115	5.18	49.77
120	7.55	47.96
125	9.81	46.24
130	11.96	44.60
135	14.03	43.02
140	16.03	41.50
145	17.97	40.03
150	19.85	38.60
155	21.68	37.20
160	23.49	35.83
165	25.26	34.38
170	27.02	33.14



1.0 Casement Windows Kommerling

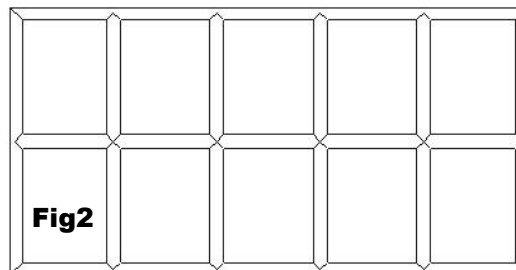
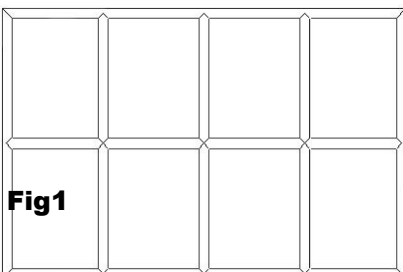
Frame Combination	Deductions	
	Glass	Sash
Deductions to Calculate Glass Size. Because all the sashes use an 8mm overlap all the deduction to get the sash size are the same regardless of product type. Door Win T/T Sash		
67mm Outer Frame to 67mm Outer Frame	-104mm	-78mm
67mm Outer Frame to 70mm Transom/Mullion	-72mm	-46mm
67mm Outer Frame to 82mm Transom/Mullion	-78mm	-52mm
67mm Outer Frame to 112mm Transom/Mullion	-93mm	
67mm Outer Frame to 67mm Outer Frame with Window Sash	-200mm	-78mm
67mm Outer Frame to 70mm Transom/Mullion with Window Sash	-169mm	-46mm
67mm Outer Frame to 82mm Transom/Mullion with Window Sash	-174mm	-52mm
57mm Outer Frame to 57mm Outer Frame	-84mm	-58mm
57mm Outer Frame to 70mm Transom/Mullion	-62mm	-36mm
57mm Outer Frame to 82mm Transom/Mullion	-68mm	-42mm
57mm Outer Frame to 57mm Outer Frame with Window Sash	-180mm	-58mm
57mm Outer Frame to 70mm Transom/Mullion with Window Sash	-158mm	-36mm
57mm Outer Frame to 82mm Transom/Mullion with Window Sash	-164mm	-42mm
70mm Transom/Mullion to 70mm Transom/Mullion		-14mm
70mm Transom/Mullion to 82mm Transom/Mullion		-20mm
82mm Transom/Mullion to 82mm Transom/Mullion		-26mm

Cruciform Joints

The maximum number of Cruciform joints made in any 1 item is 3 (See Fig 1)

Out of Specification

More than 3 cruciform joint can be made to the first attempt basis Unguaranteed (See Fig2)





1.0 Casement Windows Swish

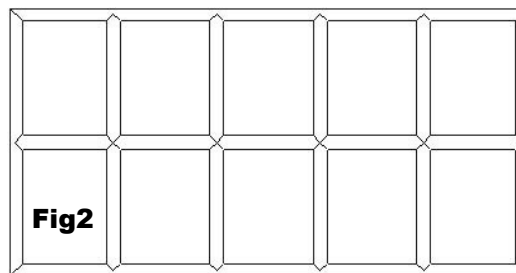
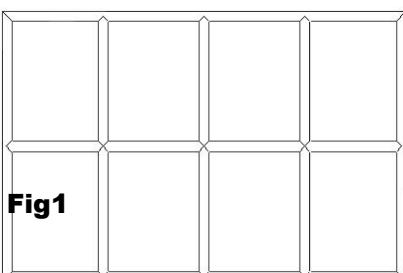
Frame Combination	Deductions		
	Glass	Sash Size	Casement sash Size
Deductions to Calculate Glass Size. Note all sashes except casement sash use an 8mm overlap			
75mm Outer Frame to 75mm Outer Frame	-120mm	-94mm	-90mm
75mm Outer Frame to 66mm Transom/Mullion	-78mm	-52mm	-48mm
75mm Outer Frame to 84mm Transom/Mullion	-87mm	-61mm	-57mm
75mm Outer Frame to 112mm Transom/Mullion	-101mm	-75mm	-71mm
75mm Outer Frame to 75mm Outer Frame with Window Sash	-210mm	-94mm	-90mm
75mm Outer Frame to 66mm Transom/Mullion with Window Sash	-168mm	52mm	-48mm
75mm Outer Frame to 84mm Transom/Mullion with Window Sash	-177mm	-61mm	-57mm
50mm Outer Frame to 50mm Outer Frame	-70mm	-44mm	-40mm
50mm Outer Frame to 66mm Transom/Mullion	-53mm	-27mm	-23mm
50mm Outer Frame to 84mm Transom/Mullion	-62mm	-36mm	-32mm
50mm Outer Frame to 112mm Transom/Mullion only Mechanical	N/A	-50mm	-46mm
50mm Outer Frame to 50mm Outer Frame with Window Sash	-160mm	-44mm	-40mm
50mm Outer Frame to 66mm Transom/Mullion with Window Sash	-53mm	-27mm	-23mm
50mm Outer Frame to 84mm Transom/Mullion with Window Sash	-62mm	-36mm	-32mm
60mm Outer Frame to 60mm Outer Frame	-90mm	-64mm	-60mm
60mm Outer Frame to 66mm Transom/Mullion	-63mm	-37mm	-33mm
60mm Outer Frame to 84mm Transom/Mullion	-72mm	-46mm	-42mm
60mm Outer Frame to 112mm Transom/Mullion	-86mm	-60mm	-56mm
60mm Outer Frame to 60mm Outer Frame with Window Sash	-180mm	-64mm	-60mm
60mm Outer Frame to 66mm Transom/Mullion with Window Sash	-153mm	-37mm	-33mm
60mm Outer Frame to 84mm Transom/Mullion with Window Sash	-162mm	-46mm	-42mm
66mm Transom/Mullion to 66mm Transom/Mullion	-36mm	-10mm	-6mm
66mm Transom/Mullion to 84mm Transom/Mullion	-45mm	-19mm	-15mm
84mm Transom/Mullion to 84mm Transom/Mullion	-54mm	-28mm	-24mm

Cruciform Joints

The maximum number of Cruciform joints made in any 1 item is 3 (See Fig 1)

Out of Specification

More than 3 cruciform joint can be made to the first attempt basis Unguaranteed (See Fig2)



Casement Sizing Information



1.0 Casement Windows Aluplast

Frame Combination	Deductions	
	Glass	Sash Size
Deductions to Calculate Glass Size. Note all sashes except casement sash use an 8mm overlap		
75mm Outer Frame to 75mm Outer Frame	-120mm	-94mm
75mm Outer Frame to 70mm Transom/Mullion	-80mm	-44mm
75mm Outer Frame to 80mm Transom/Mullion	-85mm	-49mm
75mm Outer Frame to 115mm Transom/Mullion	-103mm	-66mm
75mm Outer Frame to 75mm Outer Frame with Window Sash	-218mm	-94mm
75mm Outer Frame to 70mm Transom/Mullion with Window Sash	-175mm	-44mm
75mm Outer Frame to 80mm Transom/Mullion with Window Sash	-180mm	-49mm
60mm Outer Frame to 60mm Outer Frame	-80mm	-64mm
60mm Outer Frame to 70mm Transom/Mullion	-65mm	-39mm
60mm Outer Frame to 80mm Transom/Mullion	-70mm	-44mm
60mm Outer Frame to 115mm Transom/Mullion Mechanical Only	-88mm	-61mm
60mm Outer Frame to 60mm Outer Frame with Window Sash	-185mm	-64mm
60mm Outer Frame to 70mm Transom/Mullion with Window Sash	-160mm	-39mm
60mm Outer Frame to 80mm Transom/Mullion with Window Sash	-165mm	-44mm
70mm Transom/Mullion to 70mm Transom/Mullion	-40mm	-14mm
70mm Transom/Mullion to 80mm Transom/Mullion	-45mm	-19mm
80mm Transom/Mullion to 80mm Transom/Mullion	-50mm	-24mm

Cruciform Joints

The maximum number of Cruciform joints made in any 1 item is 3 (See Fig 1)

Out of Specification

More than 3 cruciform joint can be made to the first attempt basis Unguaranteed.(See Fig2)

