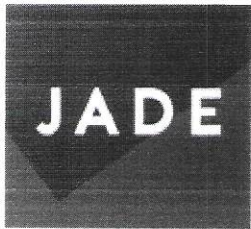
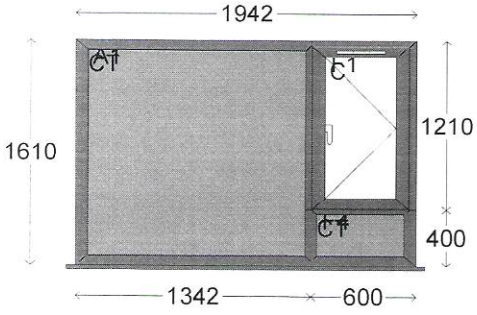


Order Acknowledgement

 JADE <i>Window & Door Specialists</i>	Customer & Order Information	
	RP Tyson Construction Ltd	Job No : T6776-H Production Date : Delivery Date : Processed Date : 23-Nov-2019 Printed Date : 23-Nov-2019 Order Date : 23-Nov-2019
Jade Windows 622 Bradford Road Batley West Yorkshire WF17 8HF Tel: 01924 438 277 Fax:	Tel : Fax :	Job Spec Glazed / Supply & fix
Job Reference : Kingsway - Houses		

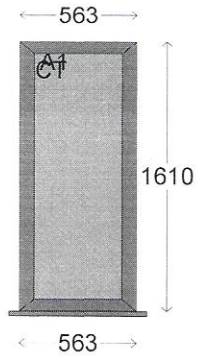
1	Elite 70 Bevelled Casement O/A Sizes 1942mm x 1640mm (CASE 29)																																																																																																																
	W0.01 - A																																																																																																																
 33 DB GLASS Welded cill ??? 50.35 kg : 110.99 lb																																																																																																																	
<table border="1"> <thead> <tr> <th>Specification</th> <th>Chk</th> <th>Chk</th> </tr> </thead> <tbody> <tr> <td>Frame (Head)</td> <td>B03 70mm Frame</td> <td>[]</td> <td>Frame (Cill)</td> <td>B03 70mm Frame</td> <td>[]</td> </tr> <tr> <td>Frame (Left jamb)</td> <td>B03 70mm Frame</td> <td>[]</td> <td>Frame (Right jamb)</td> <td>B03 70mm Frame</td> <td>[]</td> </tr> <tr> <td>Transom</td> <td>B10/11 66mm T/Z Section</td> <td>[]</td> <td>Mullion</td> <td>B10/11 66mm T/Z Section</td> <td>[]</td> </tr> <tr> <td>Sash (Head)</td> <td>B30/31 75mm T/Z Sash</td> <td>[]</td> <td>Sash (Cill)</td> <td>B30/31 75mm T/Z Sash</td> <td>[]</td> </tr> <tr> <td>Sash (Left jamb)</td> <td>B30/31 75mm T/Z Sash</td> <td>[]</td> <td>Sash (Right jamb)</td> <td>B30/31 75mm T/Z Sash</td> <td>[]</td> </tr> <tr> <td>Cill</td> <td>C180 180mm Classic Nose Cill</td> <td>[]</td> <td>Add-on (Head)</td> <td>No add-on</td> <td>[]</td> </tr> <tr> <td>Add-on (Cill)</td> <td>No add-on</td> <td>[]</td> <td>Add-on (Left jamb)</td> <td>No add-on</td> <td>[]</td> </tr> <tr> <td>Add-on (Right jamb)</td> <td>No add-on</td> <td>[]</td> <td>Ventilator (Head)</td> <td>No ventilator</td> <td>[]</td> </tr> <tr> <td>Ventilator (Sash)</td> <td>2000 Slot Vent</td> <td>[]</td> <td>Ventilator (Glass)</td> <td>No ventilator</td> <td>[]</td> </tr> <tr> <td>Ventilator (Frame)</td> <td>No ventilator</td> <td>[]</td> <td>Colour</td> <td>Grey Woodgrain on White</td> <td>[]</td> </tr> <tr> <td>Sash colour</td> <td>Grey Woodgrain on White</td> <td>[]</td> <td>Cill colour</td> <td>Grey Woodgrain on White</td> <td>[]</td> </tr> <tr> <td>Drainage</td> <td>Concealed/Base</td> <td>[]</td> <td>Georgian cruciform jo</td> <td>Mullions run through</td> <td>[]</td> </tr> <tr> <td>Bead type</td> <td>B62 Ovolo Step Bead</td> <td>[]</td> <td>Handle</td> <td>White Espaq Handle</td> <td>[]</td> </tr> <tr> <td>Casement locking</td> <td>Mushroom espaq</td> <td>[]</td> <td>Friction stay</td> <td>Std stay</td> <td>[]</td> </tr> <tr> <td>Restrictor</td> <td>None</td> <td>[]</td> <td>Viewed from</td> <td>Viewed from outside</td> <td>[]</td> </tr> <tr> <td>Open in/out</td> <td>Open out</td> <td>[]</td> <td>Glazed in/out</td> <td>Glazed in</td> <td>[]</td> </tr> <tr> <td>Reinforcing rule</td> <td>Normal Reinforcing</td> <td>[]</td> <td>Reinforcing type</td> <td>Steel Reinforcing</td> <td>[]</td> </tr> <tr> <td>Tran/Mull joints</td> <td>Welded joint</td> <td>[]</td> <td>Secure By Design</td> <td>Required</td> <td>[]</td> </tr> </tbody> </table>			Specification	Chk	Chk	Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]	Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]	Transom	B10/11 66mm T/Z Section	[]	Mullion	B10/11 66mm T/Z Section	[]	Sash (Head)	B30/31 75mm T/Z Sash	[]	Sash (Cill)	B30/31 75mm T/Z Sash	[]	Sash (Left jamb)	B30/31 75mm T/Z Sash	[]	Sash (Right jamb)	B30/31 75mm T/Z Sash	[]	Cill	C180 180mm Classic Nose Cill	[]	Add-on (Head)	No add-on	[]	Add-on (Cill)	No add-on	[]	Add-on (Left jamb)	No add-on	[]	Add-on (Right jamb)	No add-on	[]	Ventilator (Head)	No ventilator	[]	Ventilator (Sash)	2000 Slot Vent	[]	Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator	[]	Colour	Grey Woodgrain on White	[]	Sash colour	Grey Woodgrain on White	[]	Cill colour	Grey Woodgrain on White	[]	Drainage	Concealed/Base	[]	Georgian cruciform jo	Mullions run through	[]	Bead type	B62 Ovolo Step Bead	[]	Handle	White Espaq Handle	[]	Casement locking	Mushroom espaq	[]	Friction stay	Std stay	[]	Restrictor	None	[]	Viewed from	Viewed from outside	[]	Open in/out	Open out	[]	Glazed in/out	Glazed in	[]	Reinforcing rule	Normal Reinforcing	[]	Reinforcing type	Steel Reinforcing	[]	Tran/Mull joints	Welded joint	[]	Secure By Design	Required	[]
Specification	Chk	Chk																																																																																																															
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]																																																																																																												
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]																																																																																																												
Transom	B10/11 66mm T/Z Section	[]	Mullion	B10/11 66mm T/Z Section	[]																																																																																																												
Sash (Head)	B30/31 75mm T/Z Sash	[]	Sash (Cill)	B30/31 75mm T/Z Sash	[]																																																																																																												
Sash (Left jamb)	B30/31 75mm T/Z Sash	[]	Sash (Right jamb)	B30/31 75mm T/Z Sash	[]																																																																																																												
Cill	C180 180mm Classic Nose Cill	[]	Add-on (Head)	No add-on	[]																																																																																																												
Add-on (Cill)	No add-on	[]	Add-on (Left jamb)	No add-on	[]																																																																																																												
Add-on (Right jamb)	No add-on	[]	Ventilator (Head)	No ventilator	[]																																																																																																												
Ventilator (Sash)	2000 Slot Vent	[]	Ventilator (Glass)	No ventilator	[]																																																																																																												
Ventilator (Frame)	No ventilator	[]	Colour	Grey Woodgrain on White	[]																																																																																																												
Sash colour	Grey Woodgrain on White	[]	Cill colour	Grey Woodgrain on White	[]																																																																																																												
Drainage	Concealed/Base	[]	Georgian cruciform jo	Mullions run through	[]																																																																																																												
Bead type	B62 Ovolo Step Bead	[]	Handle	White Espaq Handle	[]																																																																																																												
Casement locking	Mushroom espaq	[]	Friction stay	Std stay	[]																																																																																																												
Restrictor	None	[]	Viewed from	Viewed from outside	[]																																																																																																												
Open in/out	Open out	[]	Glazed in/out	Glazed in	[]																																																																																																												
Reinforcing rule	Normal Reinforcing	[]	Reinforcing type	Steel Reinforcing	[]																																																																																																												
Tran/Mull joints	Welded joint	[]	Secure By Design	Required	[]																																																																																																												
Glazing Details & Apertures																																																																																																																	
4-20-4 Clear s/c : 20mm Thermal Spacer Arcon Gas Filled F1 - (431 x 1041)																																																																																																																	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer Arcon Gas Filled A1 - (1267 x 1498) F4 - (525 x 325)																																																																																																																	

Continued

3

Elite 70 Bevelled Casement
O/A Sizes 563mm x 1640mm (CASE 1)

W0.03 - E



13.51 kg : 29.79 lb

Specification		Chk		Chk
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame
Cill	C180 180mm Classic Nose Cill	[]	Add-on (Head)	No add-on
Add-on (Cill)	No add-on	[]	Add-on (Left jamb)	No add-on
Add-on (Right jamb)	No add-on	[]	Ventilator (Head)	No ventilator
Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator
Colour	Grey Woodgrain on White	[]	Cill colour	Grey Woodgrain on White
Drainage	Concealed/Base	[]	Georgian cruciform jo	Mullions run through
Bead type	B62 Ovolo Step Bead	[]	Restrictor	None
Viewed from	Viewed from outside	[]	Glazed in/out	Glazed in
Reinforcing rule	Normal Reinforcing	[]	Reinforcing type	Steel Reinforcing

Glazing Details & Apertures

4-20-4 Clear s/c TUF : 20mm Thermal Spacer
A1 - (451 x 1498)

Argon Gas Filled

Continued

5	Elite 70 Bevelled Casement O/A Sizes 563mm x 1640mm (CASE 1)	
	W0.05 - E	

563

1610

563

A1

13.51 kg : 29.79 lb

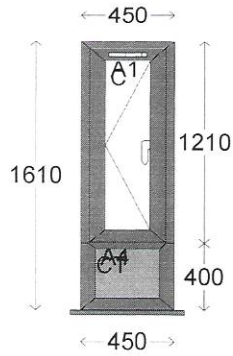
Specification		Chk		Chk	
Frame (Head)	B03 70mm Frame	☐	Frame (Cill)	B03 70mm Frame	☐
Frame (Left jamb)	B03 70mm Frame	☐	Frame (Right jamb)	B03 70mm Frame	☐
Cill	C180 180mm Classic Nose Cill	☐	Add-on (Head)	No add-on	☐
Add-on (Cill)	No add-on	☐	Add-on (Left jamb)	No add-on	☐
Add-on (Right jamb)	No add-on	☐	Ventilator (Head)	No ventilator	☐
Ventilator (Glass)	No ventilator	☐	Ventilator (Frame)	No ventilator	☐
Colour	Grey Woodgrain on White	☐	Cill colour	Grey Woodgrain on White	☐
Drainage	Concealed/Base	☐	Georgian cruciform jo	Mullions run through	☐
Bead type	B62 Ovolo Step Bead	☐	Restrictor	None	☐
Viewed from	Viewed from outside	☐	Glazed in/out	Glazed in	☐
Reinforcing rule	Normal Reinforcing	☐	Reinforcing type	Steel Reinforcing	☐

Glazing Details & Apertures	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Argon Gas Filled
A1 - (451 x 1498)	

6

Elite 70 Bevelled Casement
O/A Sizes 450mm x 1640mm (CASE 5)

W0.06 - C



7.28 kg : 16.04 lb

Specification		Chk		Chk	
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]
Transom	B10/11 66mm T/Z Section	[]	Sash (Head)	B30/31 75mm T/Z Sash	[]
Sash (Cill)	B30/31 75mm T/Z Sash	[]	Sash (Left jamb)	B30/31 75mm T/Z Sash	[]
Sash (Right jamb)	B30/31 75mm T/Z Sash	[]	Cill	C180 180mm Classic Nose Cill	[]
Add-on (Head)	No add-on	[]	Add-on (Cill)	No add-on	[]
Add-on (Left jamb)	No add-on	[]	Add-on (Right jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]	Ventilator (Sash)	2000 Slot Vent	[]
Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator	[]
Colour	Grey Woodgrain on White	[]	Sash colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]	Drainage	Concealed/Base	[]
Georgian cruciform jo	Mullions run through	[]	Bead type	B62 Ovolo Step Bead	[]
Handle	White Espaq Handle	[]	Casement locking	Mushroom espag	[]
Friction stay	Std stay	[]	Restrictor	None	[]
Viewed from	Viewed from outside	[]	Open in/out	Open out	[]
Glazed in/out	Glazed in	[]	Reinforcing rule	Normal Reinforcing	[]
Reinforcing type	Steel Reinforcing	[]	Tran/Mull joints	Welded joint	[]
Secure By Design	Required	[]			

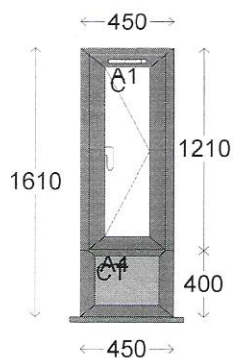
Glazing Details & Apertures

4-20-4 Clear s/c : 20mm Thermal Spacer	Araon Gas Filled
A1 - (244 x 1041)	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Araon Gas Filled
A4 - (338 x 325)	

7

Elite 70 Bevelled Casement
O/A Sizes 450mm x 1640mm (CASE 5)

W0.07 - C



7.28 kg : 16.04 lb

Specification		Chk		Chk	
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]
Transom	B10/11 66mm T/Z Section	[]	Sash (Head)	B30/31 75mm T/Z Sash	[]
Sash (Cill)	B30/31 75mm T/Z Sash	[]	Sash (Left jamb)	B30/31 75mm T/Z Sash	[]
Sash (Right jamb)	B30/31 75mm T/Z Sash	[]	Cill	C180 180mm Classic Nose Cill	[]
Add-on (Head)	No add-on	[]	Add-on (Cill)	No add-on	[]
Add-on (Left jamb)	No add-on	[]	Add-on (Right jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]	Ventilator (Sash)	2000 Slot Vent	[]
Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator	[]
Colour	Grey Woodgrain on White	[]	Sash colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]	Drainage	Concealed/Base	[]
Georgian cruciform jo	Mullions run through	[]	Bead type	B62 Ovolo Step Bead	[]
Handle	White Espaq Handle	[]	Casement locking	Mushroom espag	[]
Friction stay	Std stay	[]	Restrictor	None	[]
Viewed from	Viewed from outside	[]	Open in/out	Open out	[]
Glazed in/out	Glazed in	[]	Reinforcing rule	Normal Reinforcing	[]
Reinforcing type	Steel Reinforcing	[]	Tran/Mull joints	Welded joint	[]
Secure By Design	Required	[]			

Glazing Details & Apertures

4-20-4 Clear s/c : 20mm Thermal Spacer	Argon Gas Filled
A1 - (244 x 1041)	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Argon Gas Filled
A4 - (338 x 325)	

8	Elite 70 Bevelled Casement O/A Sizes 563mm x 1640mm (CASE 1)	
	W0.08 - E	

563

1610

563

13.51 kg : 29.79 lb

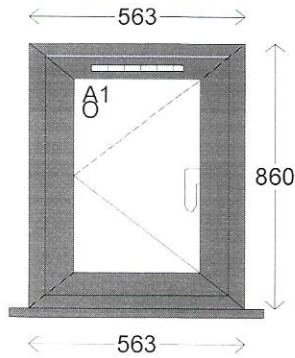
Specification		Chk		Chk	
Frame (Head)	B03 70mm Frame	☐	Frame (Cill)	B03 70mm Frame	☐
Frame (Left jamb)	B03 70mm Frame	☐	Frame (Right jamb)	B03 70mm Frame	☐
Cill	C180 180mm Classic Nose Cill	☐	Add-on (Head)	No add-on	☐
Add-on (Cill)	No add-on	☐	Add-on (Left jamb)	No add-on	☐
Add-on (Right jamb)	No add-on	☐	Ventilator (Head)	No ventilator	☐
Ventilator (Glass)	No ventilator	☐	Ventilator (Frame)	No ventilator	☐
Colour	Grey Woodgrain on White	☐	Cill colour	Grey Woodgrain on White	☐
Drainage	Concealed/Base	☐	Georgian cruciform io	Mullions run through	☐
Bead type	B62 Ovolo Step Bead	☐	Restrictor	None	☐
Viewed from	Viewed from outside	☐	Glazed in/out	Glazed in	☐
Reinforcing rule	Normal Reinforcing	☐	Reinforcing type	Steel Reinforcing	☐

Glazing Details & Apertures	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Argon Gas Filled
A1 - (451 x 1498)	

9

Elite 70 Bevelled Casement
O/A Sizes 563mm x 890mm (CASE 4 [Rev])

W0.09 - B



4.67 kg : 10.29 lb

Specification		Chk		Chk
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame
Sash (Head)	B30/31 75mm T/Z Sash	[]	Sash (Cill)	B30/31 75mm T/Z Sash
Sash (Left jamb)	B30/31 75mm T/Z Sash	[]	Sash (Right jamb)	B30/31 75mm T/Z Sash
Cill	C180 180mm Classic Nose Cill	[]	Add-on (Head)	No add-on
Add-on (Cill)	No add-on	[]	Add-on (Left jamb)	No add-on
Add-on (Right jamb)	No add-on	[]	Ventilator (Head)	No ventilator
Ventilator (Sash)	2000 Slot Vent	[]	Ventilator (Glass)	No ventilator
Ventilator (Frame)	No ventilator	[]	Colour	Grey Woodgrain on White
Sash colour	Grey Woodgrain on White	[]	Cill colour	Grey Woodgrain on White
Drainage	Concealed/Base	[]	Georgian cruciform jo	Mullions run through
Bead type	B62 Ovolo Step Bead	[]	Handle	White Espaq Handle
Casement locking	Mushroom espag	[]	Friction stay	Std stay
Restrictor	None	[]	Viewed from	Viewed from outside
Open in/out	Open out	[]	Glazed in/out	Glazed in
Reinforcing rule	Normal Reinforcing	[]	Reinforcing type	Steel Reinforcing
Secure By Design	Required	[]		

Glazing Details & Apertures

4-20-4 Obs s/c : 20mm Thermal Spacer Stibpolyte Argon Gas Filled
A1 - (357 x 654)

10	Elite 70 Bevelled Casement O/A Sizes 563mm x 1640mm (CASE 1)	
	W0.10 - E	
	563 563 1610 563 A1 13.51 kg : 29.79 lb	

Specification		Chk		Chk	
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]
Cill	C180 180mm Classic Nose Cill	[]	Add-on (Head)	No add-on	[]
Add-on (Cill)	No add-on	[]	Add-on (Left jamb)	No add-on	[]
Add-on (Right jamb)	No add-on	[]	Ventilator (Head)	No ventilator	[]
Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator	[]
Colour	Grey Woodgrain on White	[]	Cill colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]	Georgian cruciform jo	Mullions run through	[]
Bead type	B62 Ovolo Step Bead	[]	Restrictor	None	[]
Viewed from	Viewed from outside	[]	Glazed in/out	Glazed in	[]
Reinforcing rule	Normal Reinforcing	[]	Reinforcing type	Steel Reinforcing	[]

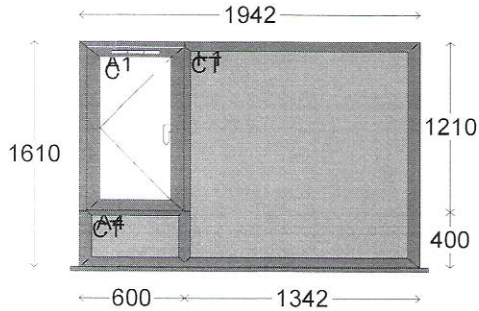
Glazing Details & Apertures	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Argon Gas Filled
A1 - (451 x 1498)	

11	Elite 70 Bevelled Casement O/A Sizes 490mm x 1640mm (CASE 5 [Rev])																																																																																																																			
	W0.11 - D																																																																																																																			
33 DB GLASS Welded cill ??? No corner post - prsume steel by others ??? 8.37 kg : 18.45 lb																																																																																																																				
<table><tr><th colspan="2">Specification</th><th>Chk</th><th colspan="2"></th><th>Chk</th></tr><tr><td>Frame (Head)</td><td>B03 70mm Frame</td><td>[]</td><td>Frame (Cill)</td><td>B03 70mm Frame</td><td>[]</td></tr><tr><td>Frame (Left jamb)</td><td>B03 70mm Frame</td><td>[]</td><td>Frame (Right jamb)</td><td>B03 70mm Frame</td><td>[]</td></tr><tr><td>Transom</td><td>B10/11 66mm T/Z Section</td><td>[]</td><td>Sash (Head)</td><td>B30/31 75mm T/Z Sash</td><td>[]</td></tr><tr><td>Sash (Cill)</td><td>B30/31 75mm T/Z Sash</td><td>[]</td><td>Sash (Left jamb)</td><td>B30/31 75mm T/Z Sash</td><td>[]</td></tr><tr><td>Sash (Right jamb)</td><td>B30/31 75mm T/Z Sash</td><td>[]</td><td>Cill</td><td>C180 180mm Classic Nose Cill</td><td>[]</td></tr><tr><td>Add-on (Head)</td><td>No add-on</td><td>[]</td><td>Add-on (Cill)</td><td>No add-on</td><td>[]</td></tr><tr><td>Add-on (Left jamb)</td><td>No add-on</td><td>[]</td><td>Add-on (Right jamb)</td><td>No add-on</td><td>[]</td></tr><tr><td>Ventilator (Head)</td><td>No ventilator</td><td>[]</td><td>Ventilator (Sash)</td><td>2000 Slot Vent</td><td>[]</td></tr><tr><td>Ventilator (Glass)</td><td>No ventilator</td><td>[]</td><td>Ventilator (Frame)</td><td>No ventilator</td><td>[]</td></tr><tr><td>Colour</td><td>Grey Woodgrain on White</td><td>[]</td><td>Sash colour</td><td>Grey Woodgrain on White</td><td>[]</td></tr><tr><td>Cill colour</td><td>Grey Woodgrain on White</td><td>[]</td><td>Drainage</td><td>Concealed/Base</td><td>[]</td></tr><tr><td>Georgian cruciform jo</td><td>Mullions run through</td><td>[]</td><td>Bead type</td><td>B62 Ovolo Step Bead</td><td>[]</td></tr><tr><td>Handle</td><td>White Espaq Handle</td><td>[]</td><td>Casement locking</td><td>Mushroom espag</td><td>[]</td></tr><tr><td>Friction stay</td><td>Std stay</td><td>[]</td><td>Restrictor</td><td>None</td><td>[]</td></tr><tr><td>Viewed from</td><td>Viewed from outside</td><td>[]</td><td>Open in/out</td><td>Open out</td><td>[]</td></tr><tr><td>Glazed in/out</td><td>Glazed in</td><td>[]</td><td>Reinforcing rule</td><td>Normal Reinforcing</td><td>[]</td></tr><tr><td>Reinforcing type</td><td>Steel Reinforcing</td><td>[]</td><td>Tran/Mull joints</td><td>Welded joint</td><td>[]</td></tr><tr><td>Secure By Design</td><td>Required</td><td>[]</td><td></td><td></td><td></td></tr></table>			Specification		Chk			Chk	Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]	Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]	Transom	B10/11 66mm T/Z Section	[]	Sash (Head)	B30/31 75mm T/Z Sash	[]	Sash (Cill)	B30/31 75mm T/Z Sash	[]	Sash (Left jamb)	B30/31 75mm T/Z Sash	[]	Sash (Right jamb)	B30/31 75mm T/Z Sash	[]	Cill	C180 180mm Classic Nose Cill	[]	Add-on (Head)	No add-on	[]	Add-on (Cill)	No add-on	[]	Add-on (Left jamb)	No add-on	[]	Add-on (Right jamb)	No add-on	[]	Ventilator (Head)	No ventilator	[]	Ventilator (Sash)	2000 Slot Vent	[]	Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator	[]	Colour	Grey Woodgrain on White	[]	Sash colour	Grey Woodgrain on White	[]	Cill colour	Grey Woodgrain on White	[]	Drainage	Concealed/Base	[]	Georgian cruciform jo	Mullions run through	[]	Bead type	B62 Ovolo Step Bead	[]	Handle	White Espaq Handle	[]	Casement locking	Mushroom espag	[]	Friction stay	Std stay	[]	Restrictor	None	[]	Viewed from	Viewed from outside	[]	Open in/out	Open out	[]	Glazed in/out	Glazed in	[]	Reinforcing rule	Normal Reinforcing	[]	Reinforcing type	Steel Reinforcing	[]	Tran/Mull joints	Welded joint	[]	Secure By Design	Required	[]			
Specification		Chk			Chk																																																																																																															
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]																																																																																																															
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]																																																																																																															
Transom	B10/11 66mm T/Z Section	[]	Sash (Head)	B30/31 75mm T/Z Sash	[]																																																																																																															
Sash (Cill)	B30/31 75mm T/Z Sash	[]	Sash (Left jamb)	B30/31 75mm T/Z Sash	[]																																																																																																															
Sash (Right jamb)	B30/31 75mm T/Z Sash	[]	Cill	C180 180mm Classic Nose Cill	[]																																																																																																															
Add-on (Head)	No add-on	[]	Add-on (Cill)	No add-on	[]																																																																																																															
Add-on (Left jamb)	No add-on	[]	Add-on (Right jamb)	No add-on	[]																																																																																																															
Ventilator (Head)	No ventilator	[]	Ventilator (Sash)	2000 Slot Vent	[]																																																																																																															
Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator	[]																																																																																																															
Colour	Grey Woodgrain on White	[]	Sash colour	Grey Woodgrain on White	[]																																																																																																															
Cill colour	Grey Woodgrain on White	[]	Drainage	Concealed/Base	[]																																																																																																															
Georgian cruciform jo	Mullions run through	[]	Bead type	B62 Ovolo Step Bead	[]																																																																																																															
Handle	White Espaq Handle	[]	Casement locking	Mushroom espag	[]																																																																																																															
Friction stay	Std stay	[]	Restrictor	None	[]																																																																																																															
Viewed from	Viewed from outside	[]	Open in/out	Open out	[]																																																																																																															
Glazed in/out	Glazed in	[]	Reinforcing rule	Normal Reinforcing	[]																																																																																																															
Reinforcing type	Steel Reinforcing	[]	Tran/Mull joints	Welded joint	[]																																																																																																															
Secure By Design	Required	[]																																																																																																																		
Glazing Details & Apertures																																																																																																																				
4-20-4 Clear s/c : 20mm Thermal Spacer Arqon Gas Filled																																																																																																																				
A1 - (284 x 1041)																																																																																																																				
4-20-4 Clear s/c TUF : 20mm Thermal Spacer Arqon Gas Filled																																																																																																																				
A4 - (378 x 325)																																																																																																																				

12

Elite 70 Bevelled Casement
O/A Sizes 1942mm x 1640mm (CASE 29 [Rev])

W0.12 - A



33 DB GLASS
Welded cill ???

50.35 kg : 110.99 lb

Specification		Chk		Chk
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame
Transom	B10/11 66mm T/Z Section	[]	Mullion	B10/11 66mm T/Z Section
Sash (Head)	B30/31 75mm T/Z Sash	[]	Sash (Cill)	B30/31 75mm T/Z Sash
Sash (Left jamb)	B30/31 75mm T/Z Sash	[]	Sash (Right jamb)	B30/31 75mm T/Z Sash
Cill	C180 180mm Classic Nose Cill	[]	Add-on (Head)	No add-on
Add-on (Cill)	No add-on	[]	Add-on (Left jamb)	No add-on
Add-on (Right jamb)	No add-on	[]	Ventilator (Head)	No ventilator
Ventilator (Sash)	2000 Slot Vent	[]	Ventilator (Glass)	No ventilator
Ventilator (Frame)	No ventilator	[]	Colour	Grey Woodgrain on White
Sash colour	Grey Woodgrain on White	[]	Cill colour	Grey Woodgrain on White
Drainage	Concealed/Base	[]	Georgian cruciform jo	Mullions run through
Bead type	B62 Ovolo Step Bead	[]	Handle	White Espaq Handle
Casement locking	Mushroom espaq	[]	Friction stay	Std stay
Restrictor	None	[]	Viewed from	Viewed from outside
Open in/out	Open out	[]	Glazed in/out	Glazed in
Reinforcing rule	Normal Reinforcing	[]	Reinforcing type	Steel Reinforcing
Tran/Mull joints	Welded joint	[]	Secure By Design	Required

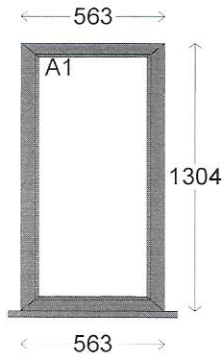
Glazing Details & Apertures

4-20-4 Clear s/c : 20mm Thermal Spacer	Argon Gas Filled
A1 - (431 x 1041)	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Argon Gas Filled
A4 - (525 x 325) F1 - (1267 x 1498)	

13

Elite 70 Bevelled Casement
O/A Sizes 563mm x 1334mm (CASE 1)

W1.03 - F



Externally glazed
X2no 3mm steel couplers (1 to top & 1 to bottom) to join frames above & below

Specification	Chk	Chk
Frame (Head)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]
Cill	C085 85mm Bull Nose Cill	[]
Add-on (Cill)	No add-on	[]
Add-on (Right jamb)	No add-on	[]
Ventilator (Glass)	No ventilator	[]
Colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]
Bead type	B62 Ovolo Step Bead	[]
Viewed from	Viewed from outside	[]
Reinforcing rule	Normal Reinforcing	[]
Frame (Cill)	B03 70mm Frame	[]
Frame (Right jamb)	B03 70mm Frame	[]
Add-on (Head)	No add-on	[]
Add-on (Left jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]
Ventilator (Frame)	No ventilator	[]
Cill colour	Grey Woodgrain on White	[]
Georgian cruciform jo	Mullions run through	[]
Restrictor	None	[]
Glazed in/out	Glazed out	[]
Reinforcing type	Steel Reinforcing	[]

Panel Details & Apertures

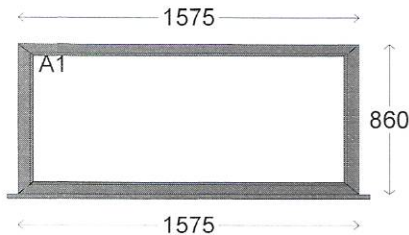
Flat Panel 28mm / White / Cut to Size

A1 - (451 x 1192)

14

Elite 70 Bevelled Casement
O/A Sizes 1575mm x 890mm (CASE 1)

W1.06 - G



Externally glazed
X2no 3mm steel couplers (1 to top & 1 to bottom) to join frames above & below

Specification	Chk	Chk
Frame (Head)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]
Cill	C085 85mm Bull Nose Cill	[]
Add-on (Cill)	No add-on	[]
Add-on (Right jamb)	No add-on	[]
Ventilator (Glass)	No ventilator	[]
Colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]
Bead type	B62 Ovolo Step Bead	[]
Viewed from	Viewed from outside	[]
Reinforcing rule	Normal Reinforcing	[]
Frame (Cill)	B03 70mm Frame	[]
Frame (Right jamb)	B03 70mm Frame	[]
Add-on (Head)	No add-on	[]
Add-on (Left jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]
Ventilator (Frame)	No ventilator	[]
Cill colour	Grey Woodgrain on White	[]
Georgian cruciform jo	Mullions run through	[]
Restrictor	None	[]
Glazed in/out	Glazed out	[]
Reinforcing type	Steel Reinforcing	[]

Panel Details & Apertures

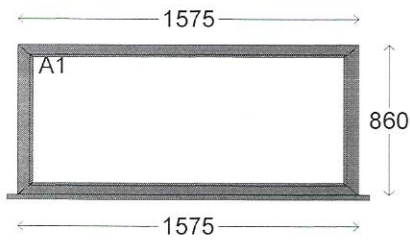
Flat Panel 28mm / White / Cut to Size

A1 - (1463 x 748)

15

Elite 70 Bevelled Casement
O/A Sizes 1575mm x 890mm (CASE 1)

W1.09 - G



Externally glazed
X2no 3mm steel couplers (1 to top & 1 to bottom) to join frames above & below

Specification	Chk	Chk
Frame (Head)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]
Cill	C085 85mm Bull Nose Cill	[]
Add-on (Cill)	No add-on	[]
Add-on (Right jamb)	No add-on	[]
Ventilator (Glass)	No ventilator	[]
Colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]
Bead type	B62 Ovolo Step Bead	[]
Viewed from	Viewed from outside	[]
Reinforcing rule	Normal Reinforcing	[]
Frame (Cill)	B03 70mm Frame	[]
Frame (Right jamb)	B03 70mm Frame	[]
Add-on (Head)	No add-on	[]
Add-on (Left jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]
Ventilator (Frame)	No ventilator	[]
Cill colour	Grey Woodgrain on White	[]
Georgian cruciform jo	Mullions run through	[]
Restrictor	None	[]
Glazed in/out	Glazed out	[]
Reinforcing type	Steel Reinforcing	[]

Panel Details & Apertures

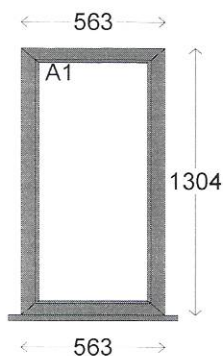
Flat Panel 28mm / White / Cut to Size

A1 - (1463 x 748)

16

Elite 70 Bevelled Casement
O/A Sizes 563mm x 1334mm (CASE 1)

W1.11 - F



Externally glazed
X2no 3mm steel couplers (1 to top & 1 to bottom) to join frames above & below

Specification	Chk	Chk
Frame (Head)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]
Cill	C085 85mm Bull Nose Cill	[]
Add-on (Cill)	No add-on	[]
Add-on (Right jamb)	No add-on	[]
Ventilator (Glass)	No ventilator	[]
Colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]
Bead type	B62 Ovolo Step Bead	[]
Viewed from	Viewed from outside	[]
Reinforcing rule	Normal Reinforcing	[]
Frame (Cill)	B03 70mm Frame	[]
Frame (Right jamb)	B03 70mm Frame	[]
Add-on (Head)	No add-on	[]
Add-on (Left jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]
Ventilator (Frame)	No ventilator	[]
Cill colour	Grey Woodgrain on White	[]
Georgian cruciform jo	Mullions run through	[]
Restrictor	None	[]
Glazed in/out	Glazed out	[]
Reinforcing type	Steel Reinforcing	[]

Panel Details & Apertures

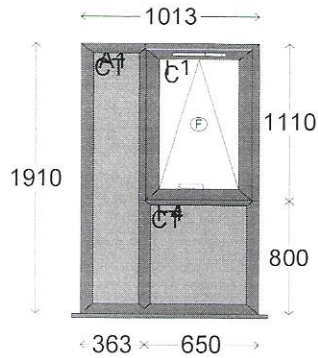
Flat Panel 28mm / White / Cut to Size

A1 - (451 x 1192)

17

Elite 70 Bevelled Casement
O/A Sizes 1013mm x 1940mm (CASE 29)

W1.01 - H



35 DB GLASS

27.75 kg : 61.17 lb

Specification		Chk			Chk
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]
Transom	B10/11 66mm T/Z Section	[]	Mullion	B10/11 66mm T/Z Section	[]
Sash (Head)	B30/31 75mm T/Z Sash	[]	Sash (Cill)	B30/31 75mm T/Z Sash	[]
Sash (Left jamb)	B30/31 75mm T/Z Sash	[]	Sash (Right jamb)	B30/31 75mm T/Z Sash	[]
Cill	C180 180mm Classic Nose Cill	[]	Add-on (Head)	No add-on	[]
Add-on (Cill)	No add-on	[]	Add-on (Left jamb)	No add-on	[]
Add-on (Right jamb)	No add-on	[]	Ventilator (Head)	No ventilator	[]
Ventilator (Sash)	2000 Slot Vent	[]	Ventilator (Glass)	No ventilator	[]
Ventilator (Frame)	No ventilator	[]	Colour	Grey Woodgrain on White	[]
Sash colour	Grey Woodgrain on White	[]	Cill colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]	Georgian cruciform jo	Mullions run through	[]
Bead type	B62 Ovolo Step Bead	[]	Handle	White Espaq Handle	[]
Casement locking	Mushroom espaq	[]	Friction stay	Fire Escape	[]
Restrictor	Window Restrictor Spring-Latch	[]	Viewed from	Viewed from outside	[]
Open in/out	Open out	[]	Glazed in/out	Glazed in	[]
Reinforcing rule	Normal Reinforcing	[]	Reinforcing type	Steel Reinforcing	[]
Tran/Mull joints	Welded joint	[]			

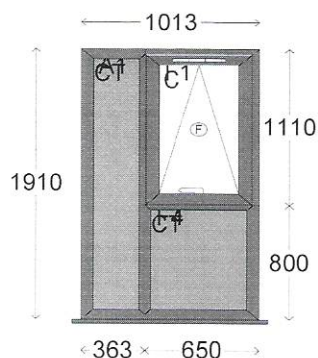
Glazing Details & Apertures

4-20-4 Clear s/c : 20mm Thermal Spacer	Araon Gas Filled
F1 - (481 x 941)	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Araon Gas Filled
A1 - (288 x 1798) F4 - (575 x 725)	

18

Elite 70 Bevelled Casement
O/A Sizes 1013mm x 1940mm (CASE 29)

W1.02 - H



35 DB GLASS

27.75 kg : 61.17 lb

Specification	Chk	Chk
Frame (Head)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]
Transom	B10/11 66mm T/Z Section	[]
Sash (Head)	B30/31 75mm T/Z Sash	[]
Sash (Left jamb)	B30/31 75mm T/Z Sash	[]
Cill	C180 180mm Classic Nose Cill	[]
Add-on (Cill)	No add-on	[]
Add-on (Right jamb)	No add-on	[]
Ventilator (Sash)	2000 Slot Vent	[]
Ventilator (Frame)	No ventilator	[]
Sash colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]
Bead type	B62 Ovolo Step Bead	[]
Casement locking	Mushroom espag	[]
Restrictor	Window Restrictor Spring-Latch	[]
Open in/out	Open out	[]
Reinforcing rule	Normal Reinforcing	[]
Tran/Mull joints	Welded joint	[]
Frame (Cill)	B03 70mm Frame	[]
Frame (Right jamb)	B03 70mm Frame	[]
Mullion	B10/11 66mm T/Z Section	[]
Sash (Cill)	B30/31 75mm T/Z Sash	[]
Sash (Right jamb)	B30/31 75mm T/Z Sash	[]
Add-on (Head)	No add-on	[]
Add-on (Left jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]
Ventilator (Glass)	No ventilator	[]
Colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]
Georgian cruciform jo	Mullions run through	[]
Handle	White Espag Handle	[]
Friction stay	Fire Escape	[]
Viewed from	Viewed from outside	[]
Glazed in/out	Glazed in	[]
Reinforcing type	Steel Reinforcing	[]

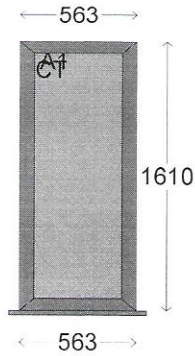
Glazing Details & Apertures

4-20-4 Clear s/c : 20mm Thermal Spacer	Araon Gas Filled
F1 - (481 x 941)	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Araon Gas Filled
A1 - (288 x 1798) F4 - (575 x 725)	

19

Elite 70 Bevelled Casement
O/A Sizes 563mm x 1640mm (CASE 1)

W1.04 - E



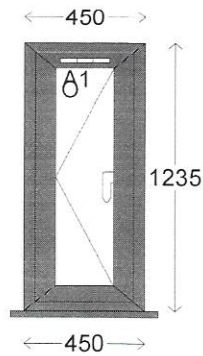
13.51 kg : 29.79 lb

Specification		Chk		Chk	
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]
Cill	C180 180mm Classic Nose Cill	[]	Add-on (Head)	No add-on	[]
Add-on (Cill)	No add-on	[]	Add-on (Left jamb)	No add-on	[]
Add-on (Right jamb)	No add-on	[]	Ventilator (Head)	No ventilator	[]
Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator	[]
Colour	Grey Woodgrain on White	[]	Cill colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]	Georgian cruciform jo	Mullions run through	[]
Bead type	B62 Ovolo Step Bead	[]	Restrictor	None	[]
Viewed from	Viewed from outside	[]	Glazed in/out	Glazed in	[]
Reinforcing rule	Normal Reinforcing	[]	Reinforcing type	Steel Reinforcing	[]
Glazing Details & Apertures					
4-20-4 Clear s/c TUF : 20mm Thermal Spacer		Argon Gas Filled			
A1 - (451 x 1498)					

20

Elite 70 Bevelled Casement
O/A Sizes 450mm x 1265mm (CASE 4)

W1.05 - J



5.02 kg : 11.07 lb

Specification		Chk		Chk	
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]
Sash (Head)	B30/31 75mm T/Z Sash	[]	Sash (Cill)	B30/31 75mm T/Z Sash	[]
Sash (Left jamb)	B30/31 75mm T/Z Sash	[]	Sash (Right jamb)	B30/31 75mm T/Z Sash	[]
Cill	C180 180mm Classic Nose Cill	[]	Add-on (Head)	No add-on	[]
Add-on (Cill)	No add-on	[]	Add-on (Left jamb)	No add-on	[]
Add-on (Right jamb)	No add-on	[]	Ventilator (Head)	No ventilator	[]
Ventilator (Sash)	2000 Slot Vent	[]	Ventilator (Glass)	No ventilator	[]
Ventilator (Frame)	No ventilator	[]	Colour	Grey Woodgrain on White	[]
Sash colour	Grey Woodgrain on White	[]	Cill colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]	Georgian cruciform jo	Mullions run through	[]
Bead type	B62 Ovolo Step Bead	[]	Handle	White Espaq Handle	[]
Casement locking	Mushroom espag	[]	Friction stay	Easy Clean	[]
Restrictor	Window Restrictor Spring-Latch	[]	Viewed from	Viewed from outside	[]
Open in/out	Open out	[]	Glazed in/out	Glazed in	[]
Reinforcing rule	Normal Reinforcing	[]	Reinforcing type	Steel Reinforcing	[]

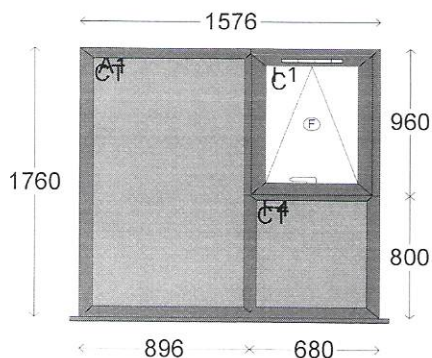
Glazing Details & Apertures

4-20-4 Obs s/c : 20mm Thermal Spacer Stippolyte Argon Gas Filled
A1 - (244 x 1029)

21

Elite 70 Bevelled Casement
O/A Sizes 1576mm x 1790mm (CASE 29)

W1.07 - K



33 DB GLASS

43.92 kg : 96.82 lb

Specification	Chk	Chk
Frame (Head)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]
Transom	B10/11 66mm T/Z Section	[]
Sash (Head)	B30/31 75mm T/Z Sash	[]
Sash (Left jamb)	B30/31 75mm T/Z Sash	[]
Cill	C180 180mm Classic Nose Cill	[]
Add-on (Cill)	No add-on	[]
Add-on (Right jamb)	No add-on	[]
Ventilator (Sash)	2000 Slot Vent	[]
Ventilator (Frame)	No ventilator	[]
Sash colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]
Bead type	B62 Ovolo Step Bead	[]
Casement locking	Mushroom espag	[]
Restrictor	Window Restrictor Spring-Latch	[]
Open in/out	Open out	[]
Reinforcing rule	Normal Reinforcing	[]
Trans/Mull joints	Welded joint	[]
Frame (Cill)	B03 70mm Frame	[]
Frame (Right jamb)	B03 70mm Frame	[]
Mullion	B10/11 66mm T/Z Section	[]
Sash (Cill)	B30/31 75mm T/Z Sash	[]
Sash (Right jamb)	B30/31 75mm T/Z Sash	[]
Add-on (Head)	No add-on	[]
Add-on (Left jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]
Ventilator (Glass)	No ventilator	[]
Colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]
Georgian cruciform jo	Mullions run through	[]
Handle	White Espag Handle	[]
Friction stay	Fire Escape	[]
Viewed from	Viewed from outside	[]
Glazed in/out	Glazed in	[]
Reinforcing type	Steel Reinforcing	[]

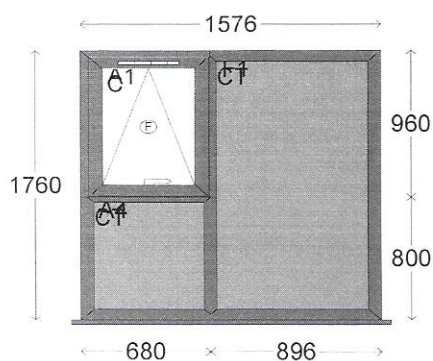
Glazing Details & Apertures

4-20-4 Clear s/c : 20mm Thermal Spacer	Araon Gas Filled
F1 - (511 x 791)	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Araon Gas Filled
A1 - (821 x 1648) F4 - (605 x 725)	

22

Elite 70 Bevelled Casement O/A Sizes 1576mm x 1790mm (CASE 29 [Rev])

W1.08 - K



33 DB GLASS

43.92 kg : 96.82 lb

Specification	Chk	Chk
Frame (Head)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]
Transom	B10/11 66mm T/Z Section	[]
Sash (Head)	B30/31 75mm T/Z Sash	[]
Sash (Left jamb)	B30/31 75mm T/Z Sash	[]
Cill	C180 180mm Classic Nose Cill	[]
Add-on (Cill)	No add-on	[]
Add-on (Right jamb)	No add-on	[]
Ventilator (Sash)	2000 Slot Vent	[]
Ventilator (Frame)	No ventilator	[]
Sash colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]
Bead type	B62 Ovolo Step Bead	[]
Casement locking	Mushroom espag	[]
Restrictor	Window Restrictor Spring-Latch	[]
Open in/out	Open out	[]
Reinforcing rule	Normal Reinforcing	[]
Tran/Mull joints	Welded joint	[]
Frame (Cill)	B03 70mm Frame	[]
Frame (Right jamb)	B03 70mm Frame	[]
Mullion	B10/11 66mm T/Z Section	[]
Sash (Cill)	B30/31 75mm T/Z Sash	[]
Sash (Right jamb)	B30/31 75mm T/Z Sash	[]
Add-on (Head)	No add-on	[]
Add-on (Left jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]
Ventilator (Glass)	No ventilator	[]
Colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]
Georgian cruciform jo	Mullions run through	[]
Handle	White Espag Handle	[]
Friction stay	Fire Escape	[]
Viewed from	Viewed from outside	[]
Glazed in/out	Glazed in	[]
Reinforcing type	Steel Reinforcing	[]

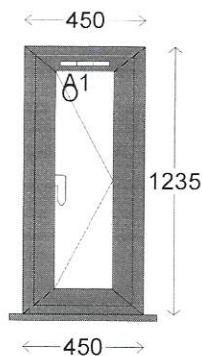
Glazing Details & Apertures

4-20-4 Clear s/c : 20mm Thermal Spacer	Argon Gas Filled
A1 - (511 x 791)	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Argon Gas Filled
A4 - (605 x 725) F1 - (821 x 1648)	

23

Elite 70 Bevelled Casement
O/A Sizes 450mm x 1265mm (CASE 4)

W1.10 - J



5.02 kg : 11.07 lb

Specification		Chk		Chk
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame
Sash (Head)	B30/31 75mm T/Z Sash	[]	Sash (Cill)	B30/31 75mm T/Z Sash
Sash (Left jamb)	B30/31 75mm T/Z Sash	[]	Sash (Right jamb)	B30/31 75mm T/Z Sash
Cill	C180 180mm Classic Nose Cill	[]	Add-on (Head)	No add-on
Add-on (Cill)	No add-on	[]	Add-on (Left jamb)	No add-on
Add-on (Right jamb)	No add-on	[]	Ventilator (Head)	No ventilator
Ventilator (Sash)	2000 Slot Vent	[]	Ventilator (Glass)	No ventilator
Ventilator (Frame)	No ventilator	[]	Colour	Grey Woodgrain on White
Sash colour	Grey Woodgrain on White	[]	Cill colour	Grey Woodgrain on White
Drainage	Concealed/Base	[]	Georgian cruciform jo	Mullions run through
Bead type	B62 Ovolo Step Bead	[]	Handle	White Espag Handle
Casement locking	Mushroom espag	[]	Friction stay	Easy Clean
Restrictor	Window Restrictor Spring-Latch	[]	Viewed from	Viewed from outside
Open in/out	Open out	[]	Glazed in/out	Glazed in
Reinforcing rule	Normal Reinforcing	[]	Reinforcing type	Steel Reinforcing

Glazing Details & Apertures

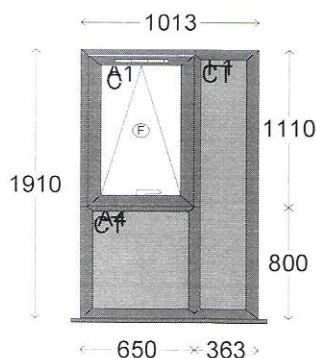
4-20-4 Obs s/c : 20mm Thermal Spacer Stippolyte
A1 - (244 x 1029) Argon Gas Filled

Continued

25

Elite 70 Bevelled Casement
O/A Sizes 1013mm x 1940mm (CASE 29 [Rev])

W1.13 - H



35 DB GLASS

27.75 kg : 61.17 lb

Specification	Chk	Chk
Frame (Head)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]
Transom	B10/11 66mm T/Z Section	[]
Sash (Head)	B30/31 75mm T/Z Sash	[]
Sash (Left jamb)	B30/31 75mm T/Z Sash	[]
Cill	C180 180mm Classic Nose Cill	[]
Add-on (Cill)	No add-on	[]
Add-on (Right jamb)	No add-on	[]
Ventilator (Sash)	2000 Slot Vent	[]
Ventilator (Frame)	No ventilator	[]
Sash colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]
Bead type	B62 Ovolo Step Bead	[]
Casement locking	Mushroom espag	[]
Restrictor	Window Restrictor Spring-Latch	[]
Open in/out	Open out	[]
Reinforcing rule	Normal Reinforcing	[]
Tran/Mull joints	Welded joint	[]
Frame (Cill)	B03 70mm Frame	[]
Frame (Right jamb)	B03 70mm Frame	[]
Mullion	B10/11 66mm T/Z Section	[]
Sash (Cill)	B30/31 75mm T/Z Sash	[]
Sash (Right jamb)	B30/31 75mm T/Z Sash	[]
Add-on (Head)	No add-on	[]
Add-on (Left jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]
Ventilator (Glass)	No ventilator	[]
Colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]
Georgian cruciform jo	Mullions run through	[]
Handle	White Espag Handle	[]
Friction stay	Fire Escape	[]
Viewed from	Viewed from outside	[]
Glazed in/out	Glazed in	[]
Reinforcing type	Steel Reinforcing	[]

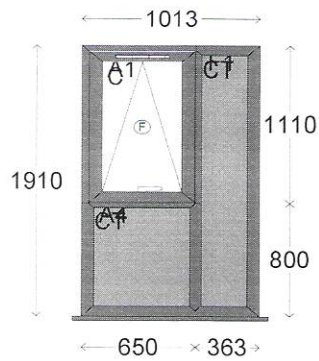
Glazing Details & Apertures

4-20-4 Clear s/c : 20mm Thermal Spacer	Argon Gas Filled
A1 - (481 x 941)	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Argon Gas Filled
A4 - (575 x 725) F1 - (288 x 1798)	

26

Elite 70 Bevelled Casement
O/A Sizes 1013mm x 1940mm (CASE 29 [Rev])

W1.14 - H



35 DB GLASS

27.75 kg : 61.17 lb

Specification	Chk	Chk
Frame (Head)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]
Transom	B10/11 66mm T/Z Section	[]
Sash (Head)	B30/31 75mm T/Z Sash	[]
Sash (Left jamb)	B30/31 75mm T/Z Sash	[]
Cill	C180 180mm Classic Nose Cill	[]
Add-on (Cill)	No add-on	[]
Add-on (Right jamb)	No add-on	[]
Ventilator (Sash)	2000 Slot Vent	[]
Ventilator (Frame)	No ventilator	[]
Sash colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]
Bead type	B62 Ovolo Step Bead	[]
Casement locking	Mushroom espag	[]
Restrictor	Window Restrictor Spring-Latch	[]
Open in/out	Open out	[]
Reinforcing rule	Normal Reinforcing	[]
Tran/Mull joints	Welded joint	[]
Frame (Cill)	B03 70mm Frame	[]
Frame (Right jamb)	B03 70mm Frame	[]
Mullion	B10/11 66mm T/Z Section	[]
Sash (Cill)	B30/31 75mm T/Z Sash	[]
Sash (Right jamb)	B30/31 75mm T/Z Sash	[]
Add-on (Head)	No add-on	[]
Add-on (Left jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]
Ventilator (Glass)	No ventilator	[]
Colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]
Georgian cruciform jo	Mullions run through	[]
Handle	White Espag Handle	[]
Friction stay	Fire Escape	[]
Viewed from	Viewed from outside	[]
Glazed in/out	Glazed in	[]
Reinforcing type	Steel Reinforcing	[]

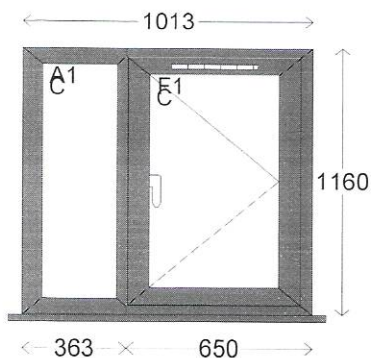
Glazing Details & Apertures

4-20-4 Clear s/c : 20mm Thermal Spacer	Arcon Gas Filled
A1 - (481 x 941)	
4-20-4 Clear s/c TUF : 20mm Thermal Spacer	Arcon Gas Filled
A4 - (575 x 725) F1 - (288 x 1798)	

27

Elite 70 Bevelled Casement
O/A Sizes 1013mm x 1190mm (CASE 17)

W2.01 - L



35 DB GLASS

15.21 kg : 33.54 lb

Specification		Chk		Chk	
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]
Mullion	B10/11 66mm T/Z Section	[]	Sash (Head)	B30/31 75mm T/Z Sash	[]
Sash (Cill)	B30/31 75mm T/Z Sash	[]	Sash (Left jamb)	B30/31 75mm T/Z Sash	[]
Sash (Right jamb)	B30/31 75mm T/Z Sash	[]	Cill	C180 180mm Classic Nose Cill	[]
Add-on (Head)	No add-on	[]	Add-on (Cill)	No add-on	[]
Add-on (Left jamb)	No add-on	[]	Add-on (Right jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]	Ventilator (Sash)	2000 Slot Vent	[]
Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator	[]
Colour	Grey Woodgrain on White	[]	Sash colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]	Drainage	Concealed/Base	[]
Georgian cruciform jo	Mullions run through	[]	Bead type	B62 Ovolo Step Bead	[]
Handle	White Espaq Handle	[]	Casement locking	Mushroom espaq	[]
Friction stay	Easy Clean Fire Exit	[]	Restrictor	Window Restrictor Spring-Latch	[]
Viewed from	Viewed from outside	[]	Open in/out	Open out	[]
Glazed in/out	Glazed in	[]	Reinforcing rule	Normal Reinforcing	[]
Reinforcing type	Steel Reinforcing	[]	Tran/Mull joints	Welded joint	[]

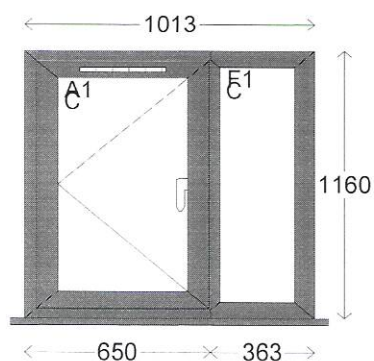
Glazing Details & Apertures

4-20-4 Clear s/c : 20mm Thermal Spacer Argon Gas Filled
A1 - (288 x 1048) F1 - (481 x 954)

28

Elite 70 Bevelled Casement
O/A Sizes 1013mm x 1190mm (CASE 17 [Rev])

W2.08 - L



35 DB GLASS

15.21 kg : 33.54 lb

Specification	Chk	Chk
Frame (Head)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]
Mullion	B10/11 66mm T/Z Section	[]
Sash (Cill)	B30/31 75mm T/Z Sash	[]
Sash (Right jamb)	B30/31 75mm T/Z Sash	[]
Add-on (Head)	No add-on	[]
Add-on (Left jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]
Ventilator (Glass)	No ventilator	[]
Colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]
Georgian cruciform jo	Mullions run through	[]
Handle	White Espaq Handle	[]
Friction stay	Easy Clean Fire Exit	[]
Viewed from	Viewed from outside	[]
Glazed in/out	Glazed in	[]
Reinforcing type	Steel Reinforcing	[]
	Frame (Cill)	B03 70mm Frame
	Frame (Right jamb)	B03 70mm Frame
	Sash (Head)	B30/31 75mm T/Z Sash
	Sash (Left jamb)	B30/31 75mm T/Z Sash
	Cill	C180 180mm Classic Nose Cill
	Add-on (Cill)	No add-on
	Add-on (Right jamb)	No add-on
	Ventilator (Sash)	2000 Slot Vent
	Ventilator (Frame)	No ventilator
	Sash colour	Grey Woodgrain on White
	Drainage	Concealed/Base
	Bead type	B62 Ovolo Step Bead
	Casement locking	Mushroom espaq
	Restrictor	Window Restrictor Spring-Latch
	Open in/out	Open out
	Reinforcing rule	Normal Reinforcing
	Tran/Mull joints	Welded joint

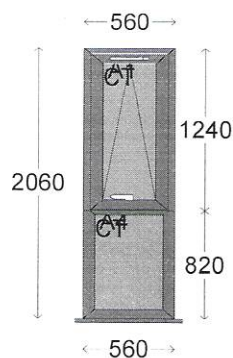
Glazing Details & Apertures

4-20-4 Clear s/c : 20mm Thermal Spacer Argon Gas Filled
A1 - (481 x 954) F1 - (288 x 1048)

29

Elite 70 Bevelled Casement
Qty (2) O/A Sizes 560mm x 2090mm (CASE 5 [Rev])

D03/04 SL



X2no 3mm steel coupler to door

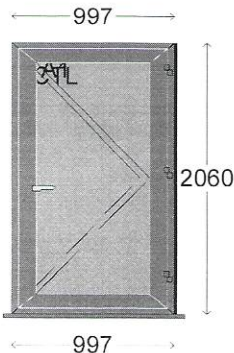
28.52 kg : 62.87 lb

Specification		Chk		Chk	
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]
Transom	B10/11 66mm T/Z Section	[]	Sash (Head)	B30/31 75mm T/Z Sash	[]
Sash (Cill)	B30/31 75mm T/Z Sash	[]	Sash (Left jamb)	B30/31 75mm T/Z Sash	[]
Sash (Right jamb)	B30/31 75mm T/Z Sash	[]	Cill	C180 180mm Classic Nose Cill	[]
Add-on (Head)	No add-on	[]	Add-on (Cill)	No add-on	[]
Add-on (Left jamb)	No add-on	[]	Add-on (Right jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]	Ventilator (Sash)	2000 Slot Vent	[]
Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator	[]
Colour	Grey Woodgrain on White	[]	Sash colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]	Drainage	Concealed/Base	[]
Georgian cruciform jo	Mullions run through	[]	Bead type	B62 Ovolo Step Bead	[]
Handle	White Espaq Handle	[]	Casement locking	Mushroom espaq	[]
Friction stay	Std stay	[]	Restrictor	None	[]
Viewed from	Viewed from outside	[]	Open in/out	Open out	[]
Glazed in/out	Glazed in	[]	Reinforcing rule	Normal Reinforcing	[]
Reinforcing type	Steel Reinforcing	[]	Tran/Mull joints	Welded joint	[]
Secure By Design	Required	[]			

Glazing Details & Apertures

4-20-4 Clear s/c TUF : 20mm Thermal Spacer
A1 - (354 x 1071) A4 - (448 x 745)

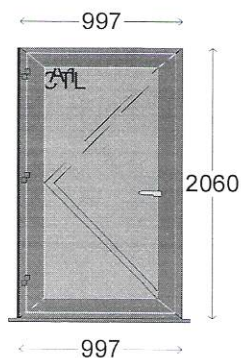
Argon Gas Filled

30	Elite 70 Bevelled Single Door O/A Sizes 1012mm x 2090mm (DOOR 1) D.04	
		
38.59 kg : 85.07 lb		
Not DDA threshold Continious cill with side light		
Specification	Chk	Chk
Frame (Head)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]
Threshold	Std. PVC threshold	[]
Sash drip bar	B86 Drip Bar	[]
Add-on (Head)	No add-on	[]
Add-on (Left jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]
Ventilator (Glass)	No ventilator	[]
Colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]
Bead type	B62 Ovolo Step Bead	[]
Restrictor	None	[]
Cylinder	Standard cylinder	[]
Viewed from	Viewed from outside	[]
Glazed in/out	Glazed in	[]
Reinforcing type	Steel Reinforcing	[]
Frame (Cill)	B03 70mm Frame	[]
Frame (Right jamb)	B03 70mm Frame	[]
Sash	B41/40 110mm T/Z Sash	[]
Cill	C180 180mm Classic Nose Cill	[]
Add-on (Cill)	No add-on	[]
Add-on (Right jamb)	B77 15mm Add-on	[]
Ventilator (Sash)	No ventilator	[]
Ventilator (Frame)	No ventilator	[]
Sash colour	Grey Woodgrain on White	[]
Drainage	Concealed/Base	[]
Handle	Chrome Lever/Lever	[]
Door lock	Std door lock	[]
Door hinge quantity	3 hinges	[]
Open in/out	Open in	[]
Reinforcing rule	Normal Reinforcing	[]
Secure By Design	Required	[]
Glazing Details & Apertures		
4-18-6.4 Clear s/c TUF/LAM : 18mm Thermal Spacer Argon Gas Filled A1 - (721 x 1784)		

31

Elite 70 Bevelled Single Door
O/A Sizes 1012mm x 2090mm (DOOR 1 [Rev])

D.03



38.59 kg : 85.07 lb

Not DDA threshold
Continuous cill with side light

Specification		Chk			Chk
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]
Threshold	Std. PVC threshold	[]	Sash	B41/40 110mm T/Z Sash	[]
Sash drip bar	B86 Drip Bar	[]	Cill	C180 180mm Classic Nose Cill	[]
Add-on (Head)	No add-on	[]	Add-on (Cill)	No add-on	[]
Add-on (Left jamb)	B77 15mm Add-on	[]	Add-on (Right jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]	Ventilator (Sash)	No ventilator	[]
Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator	[]
Colour	Grey Woodgrain on White	[]	Sash colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]	Drainage	Concealed/Base	[]
Bead type	B62 Ovolo Step Bead	[]	Handle	Chrome Lever/Lever	[]
Restrictor	None	[]	Door lock	Std door lock	[]
Cylinder	Standard cylinder	[]	Door hinge quantity	3 hinges	[]
Viewed from	Viewed from outside	[]	Open in/out	Open in	[]
Glazed in/out	Glazed in	[]	Reinforcing rule	Normal Reinforcing	[]
Reinforcing type	Steel Reinforcing	[]	Secure By Design	Required	[]

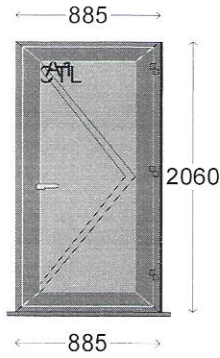
Glazing Details & Apertures

4-18-6.4 Clear s/c TUF/LAM : 18mm Thermal Spacer Argon Gas Filled
A1 - (721 x 1784)

32

Elite 70 Bevelled Single Door
O/A Sizes 900mm x 2090mm (DOOR 1)

D.02



Not DDA threshold

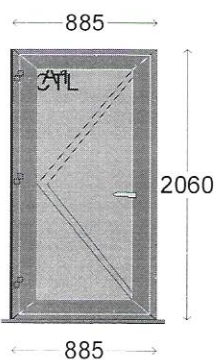
32.59 kg : 71.86 lb

Specification		Chk		Chk
Frame (Head)	B03 70mm Frame	☐	Frame (Cill)	B03 70mm Frame
Frame (Left jamb)	B03 70mm Frame	☐	Frame (Right jamb)	B03 70mm Frame
Threshold	Std. PVC threshold	☐	Sash	B41/40 110mm T/Z Sash
Sash drip bar	B86 Drip Bar	☐	Cill	C180 180mm Classic Nose Cill
Add-on (Head)	No add-on	☐	Add-on (Cill)	No add-on
Add-on (Left jamb)	No add-on	☐	Add-on (Right jamb)	B77 15mm Add-on
Ventilator (Head)	No ventilator	☐	Ventilator (Sash)	No ventilator
Ventilator (Glass)	No ventilator	☐	Ventilator (Frame)	No ventilator
Colour	Grey Woodgrain on White	☐	Sash colour	Grey Woodgrain on White
Cill colour	Grey Woodgrain on White	☐	Drainage	Concealed/Base
Bead type	B62 Ovolo Step Bead	☐	Handle	Chrome Lever/Lever
Restrictor	None	☐	Door lock	Std door lock
Cylinder	Standard cylinder	☐	Door hinge quantity	3 hinges
Viewed from	Viewed from outside	☐	Open in/out	Open in
Glazed in/out	Glazed in	☐	Reinforcing rule	Normal Reinforcing
Reinforcing type	Steel Reinforcing	☐	Secure By Design	Required

Glazing Details & Apertures

4-18-6.4 Clear s/c TUF/LAM : 18mm Thermal Spacer Argon Gas Filled
A1 - (609 x 1784)

33	Elite 70 Bevelled Single Door O/A Sizes 900mm x 2090mm (DOOR 1 [Rev]) D.05	
-----------	---	--



32.59 kg : 71.86 lb

Not DDA threshold

Specification	Chk	Chk	Chk		
Frame (Head)	B03 70mm Frame	[]	Frame (Cill)	B03 70mm Frame	[]
Frame (Left jamb)	B03 70mm Frame	[]	Frame (Right jamb)	B03 70mm Frame	[]
Threshold	Std. PVC threshold	[]	Sash	B41/40 110mm T/Z Sash	[]
Sash drip bar	B86 Drip Bar	[]	Cill	C180 180mm Classic Nose Cill	[]
Add-on (Head)	No add-on	[]	Add-on (Cill)	No add-on	[]
Add-on (Left jamb)	B77 15mm Add-on	[]	Add-on (Right jamb)	No add-on	[]
Ventilator (Head)	No ventilator	[]	Ventilator (Sash)	No ventilator	[]
Ventilator (Glass)	No ventilator	[]	Ventilator (Frame)	No ventilator	[]
Colour	Grey Woodgrain on White	[]	Sash colour	Grey Woodgrain on White	[]
Cill colour	Grey Woodgrain on White	[]	Drainage	Concealed/Base	[]
Bead type	B62 Ovolo Step Bead	[]	Handle	Chrome Lever/Lever	[]
Restrictor	None	[]	Door lock	Std door lock	[]
Cylinder	Standard cylinder	[]	Door hinge quantity	3 hinges	[]
Viewed from	Viewed from outside	[]	Open in/out	Open in	[]
Glazed in/out	Glazed in	[]	Reinforcing rule	Normal Reinforcing	[]
Reinforcing type	Steel Reinforcing	[]	Secure By Design	Required	[]

Glazing Details & Apertures	
4-18-6.4 Clear s/c TUF/LAM : 18mm Thermal Spacer	Argon Gas Filled
A1 - (609 x 1784)	

Frame colour: Anthracite grey grained RAL 7016 to external face and smooth white to internal face (& base)

Sizes all from architect drawings (no site survey). Please check. Especially welded cills etc...

All references to "flat white panels" are actually a double glazed unit with the cavity side of the external pane spray painted anthracite grey RAL 7016 (can't see through). These units are also externally glazed.

Please check all fire egress windows are correct - i.e. correct height from FFL to bottom of window etc

Acoustic glass proposals for approval (see attached glass data sheets):

33 DB = 4mm/18mm/6mm

35 DB - 6.8mm acoustic laminate / 16mm / 4mm

DB values stated on each window as required

*** We presume NO SOLAR GLAZING is required to the houses. Please check. ***

No acoustic trickle vents have been requested. Our standard trickle vents achieve the following values:

In open position: 31db

in closed position: 39db

Each trickle vent provides 2500mm² ventilation. X1 no located to the head of each window sash. All calculations by others.

Overall U-Value = 1.4

Frames fitted with fixing brackets do NOT need screwing onto the frame - they are system designed to "clip on" without the need to screw the bracket onto the frame.

All first floor spring restrictors limit the opening to circa 90mm. Manual "flick" action override and auto re-engage when window closed.

Eacy clean hinges to side hung only, above ground floor.

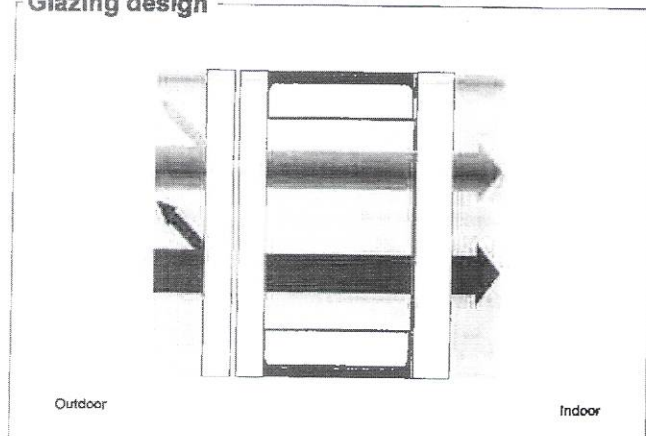
Total	£0.00
VAT @ 20.00%	£0.00
Total (Incl. VAT)	£0.00
Deposit	£0.00
Balance	£0.00

I confirm the details of this order are correct as detailed in this document

Signed

Dated

Glazing design



	First glazing	Second glazing
Gas		Argon 90% 16.00mm
Coating		PLANITHERM TOTAL+
First glass	PLANICLEAR 3.00mm	PLANICLEAR 4.00mm
Coating		
Layer	PVB silence 0.76 mm	
Coating		
Second glass	PLANICLEAR 3.00mm	
Coating		

Sound transmission loss

$R_w(C;Ctr) = 36(-1;-6)$ dB Acoustic simulated values

Manufacturing sizes

Nominal thickness : **26.8 mm**
Weight : **25.8 kg/m²**

Luminous factors (EN410-2011) : (D65 2°)

Transmittance : **80 %**
Outdoor reflectance : **12 %**
Indoor reflectance : **12 %**

Energy factors (EN410-2011) :

Transmittance : **59 %**
Outdoor reflectance : **16 %**
Indoor reflectance : **20 %**
Absorptance A1 : **17 %**
Absorptance A2 : **8 %**

Solar factors (EN410-2011) :

g : **0.66**
Shading coefficient : **0.76**

Thermal transmission (EN673-2011) - 0° related to vertical position

Ug : **1.2 W/(m².K)**



Bob Norris
Glasscraft Decorative Ltd
Leeds
Navigation Way
LS101EP

LEEDS

Phone :
Mobile :
Fax :
bob.norris@glasscraftglass.com

01132711400
07964287603
01132711405

CALUMEN® II is a simulation software to calculate key performance of glass such as light transmission, solar factor or thermal insulation coefficient. Computed values are indicative and subject to change. They can not be used to guarantee performance of the products.

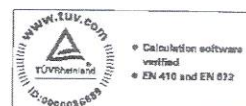
These values are calculated according to EN410-2011 and EN673-2011 standards. Tolerances are defined according to EN 1098-4 or ISO9050-2003 standards. Nevertheless, user must check the feasibility of the associated products, in particular in terms of thickness and colour.

Furthermore, it is his responsibility to check that the resulting combination of glazing meets regulatory requirements at national, local or regional level. Computed values with NFRC-2010 standards are indicative. Please use NFRC certified software for certified values.

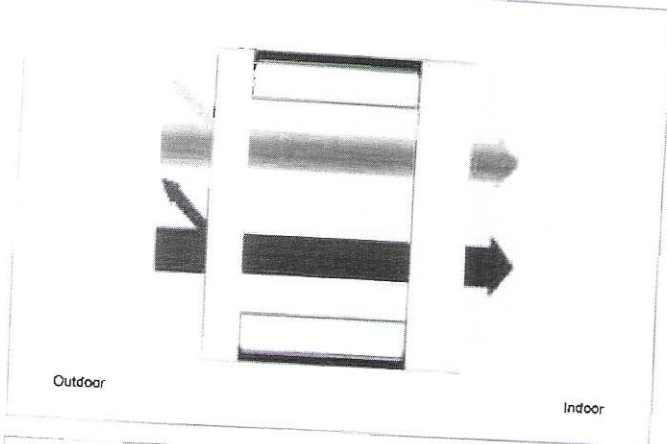
User must check the feasibility of the associated products, in particular in terms of thickness and color.

Furthermore, it is his responsibility to check that the resulting combination of glazing meets regulatory requirements at national, local or regional level.

Calculation rules and functional output of Calumen II have been validated by TUV Rheinland Quality Report 11623R-11-33705



Glazing design



	First glazing	Second glazing
Gas		Argon 90% 16.00mm
Coating		
First glass	PLANICLEAR 4.00mm	PLANICLEAR 6.00mm
Coating		
Layer		
Coating		
Second glass		
Coating		

Sound transmission loss

$R_w(C;Ctr) = 33(-2;-5)$ dB Acoustic simulated values

Manufacturing sizes

Nominal thickness : 28.0 mm
Weight : 25.0 kg/m²

Luminous factors (EN410-2011) : (D65 2°)

Transmittance : 82 %
Outdoor reflectance : 15 %
Indoor reflectance : 15 %

Energy factors (EN410-2011) :

Transmittance : 75 %
Outdoor reflectance : 14 %
Indoor reflectance : 13 %
Absorptance A1 : 5 %
Absorptance A2 : 6 %

Solar factors (EN410-2011) :

g : 0.79
Shading coefficient : 0.91

Thermal transmission (EN673-2011) - 0° related to vertical position

Ug : 2.6 W/(m².K)

Calumen® II

Bob Norris
Glasscraft Decorative Ltd
Leeds
Navigation Way
LS101EP

LEEDS

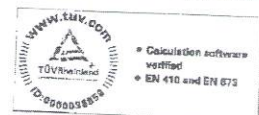
Phone :
Mobile :
Fax :
bob.norris@glasscraftglass.com

01132711400
07964287603
01132711405

CALUMEN® II is a simulation software to calculate key performance of glass such as light transmission, solar factor or thermal insulation coefficient. Computed values are indicative and subject to change. They can not be used to guarantee performance of the products.

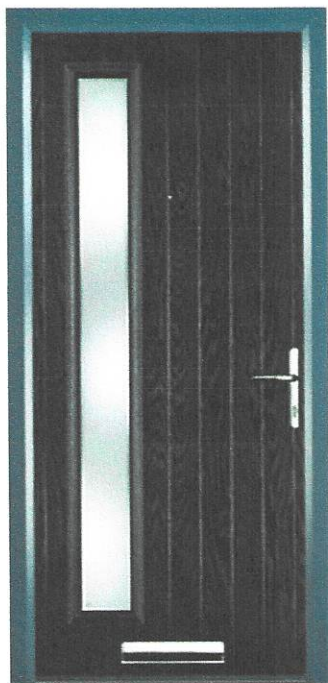
These values are calculated according to EN410-2011 and EN673-2011 standards. Tolerances are defined according to EN 1096-4 or ISO9050-2003 standards. Nevertheless, user must check the feasibility of the associated products, in particular in terms of thickness and colour. Furthermore, it is his responsibility to check that the resulting combination of glazing meets regulatory requirements at national, local or regional level. Computed values with NFRC-2010 standards are indicative. Please use NFRC certified software for certified values. User must check the feasibility of the associated products, in particular in terms of thickness and color. Furthermore, it is his responsibility to check that the resulting combination of glazing meets regulatory requirements at national, local or regional level.

Calculation rules and functional output of Calumen II have been validated by TÜV Rheinland Quality Report 11923R-11-33705



From:
Subject:

Sales
Composite Door Order Acknowledgement - Tyson/Kingsway houses - T6676



View] [External
Overall Width
1013mm
(inc add ons)

Overall Height
2090mm

Sizes

Overall Width: 1013mm
Overall Height: 2090mm
Top Add On: 15mm
Left Add On: 15mm
Threshold: Wheelchair MDS25
Drainage: Wheelchair

Design

Door Style: Door60
Hinges: Left
Opening: Inward

Colour

Door External: Black
Door Internal: White
Frame External: Grey
Frame Internal: White
Threshold: Grey

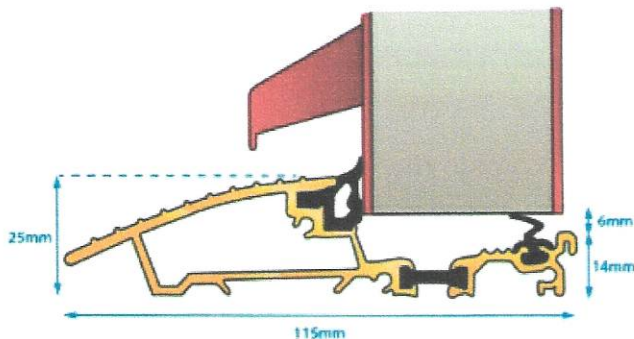
Glazing

Door: Kensington
Backing Glass: Clear

Hardware

Suite: Chrome Stainless Steel
Colour: Chrome
Lock: Yale Lockmaster
Cylinder: Ultion WXM
Hinge: Athena Hinge

Threshold detail:



PLOT	Handing (viewed external)
1	Left
2	Right
3	Left
4	Right

Options Selected

Spyhole

Standard lever/lever

TS008 Letterplate

Security chain

ThumbTurn

Secure By Design Compliant

No numerals allowed for