CERTIFICATION

Safety and fragility of glazed roofing: guidance on specification. CWCT TN67: Safety and fragility of glazed roofing: testing and assessment.

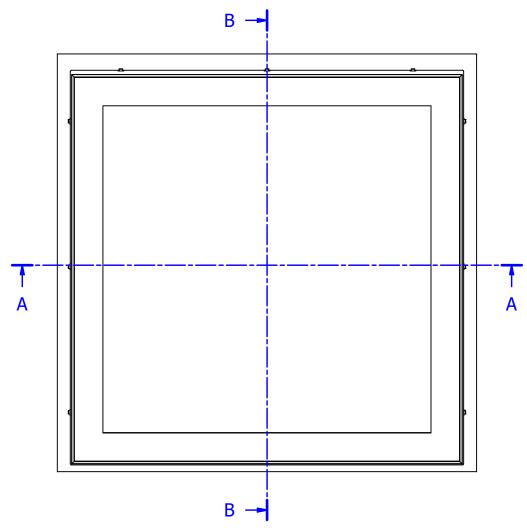


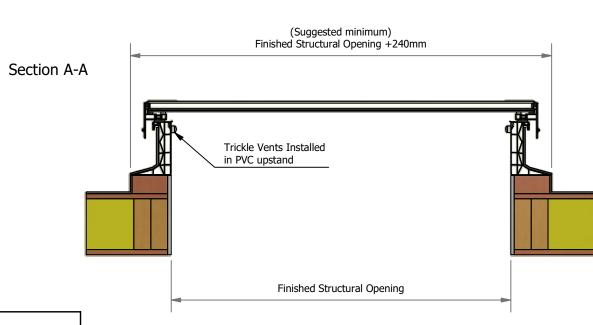
NBS SPECIFICATION

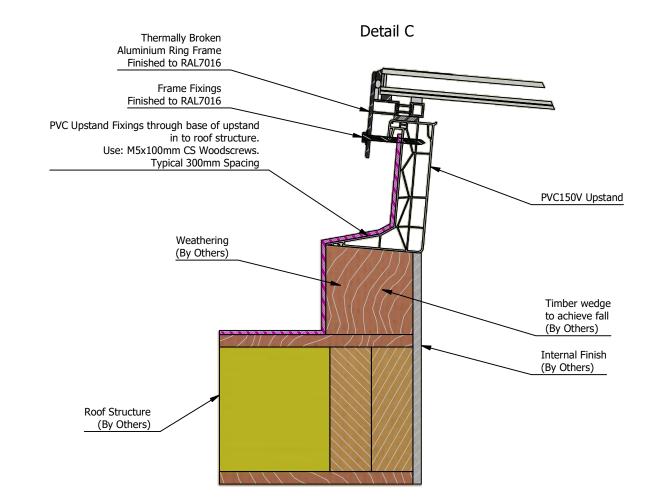
L10 /45 Rooflights L10/460 Rooflights

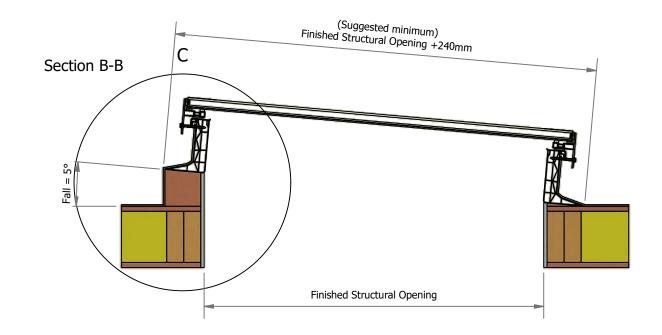
Uniclass category Pr_30_59_72

84mm Painted border shown as standard to cover glazing frame.









This drawing is for visual purposes only, for exact specifications of the glazing and sizes, please refer to the specific line(s) on your quote.

Thermal Stress Note

To provide the highest performance of non fragility and security, the unit incorporates laminated internal panes.

For standard (annealed) laminate inner panes, guidance regarding thermal stress fracture risk is available on Whitesales website or by contacting Whitesales technical team.

To reduce risk it is recommended to keep curb widths under 120mm, avoid partial shading or rapid internal heating or cooling direct of close to the glass.

If higher risks cannot be mitigated then alternative heat strengthened or toughened glass inner panes should be considered.

Curb details shown are indicative only. Detail is designed by others.

It is the responsibility of the curb designer to ensure that the curb is structurally adequate to support the rooflight product.

Whitesales advise an installation with a minimum pitch of 5° for Rooflight units to minimise water pooling. Whilst the product can be installed flat without detriment to the warrantee. Whitesales cannot be held responsible for any excessive pooling of water to the surface of the Rooflight post installation.

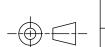
CAUTION CDM: Hazard Identification - Handling materials

Manual Handling Operations Regulations (MHOR 1992) sets out a clear ranking of measures for dealing with risks from manual handling. Ensure measures are considered at all times.

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Hand protection (mandatory) to: BS EN 388:1994.
 Wear appropriate PPE required for the task.
 Refer to applicable risk assessment for further details.

THIS DRAWING MUST NOT BE COPIED OR PASSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT FROM THE MANUFACTURER

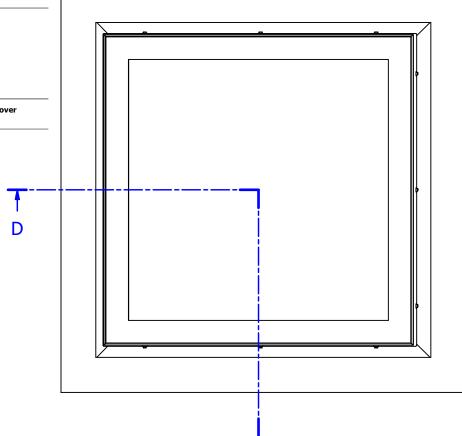


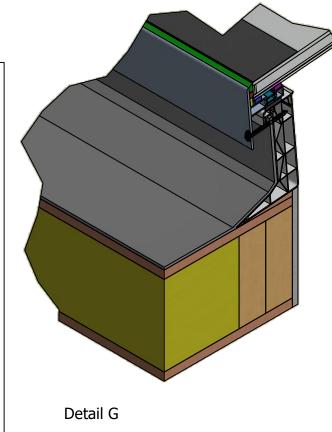
Title:		Description			Name	Date	
Assembly Drawing		Double Glazed Unit		Created	L.Crawford	10/07/2020	
Project No	х	Ref No	х	Drawn	iLogic Auto	12/03/2021	
Project		Part Number		Approved			
x		em.glaze		Checked			
Customer Name		Material		Drawing No.		Revision: 1	
x		Varies		ADS12KA15BE1AA.1.CD.1			
Project Address		Finish	RAL7016	Sheet number 1 of 3			
XXX		Quantity	X	Scale DNS	Size: A3	Units: mm	



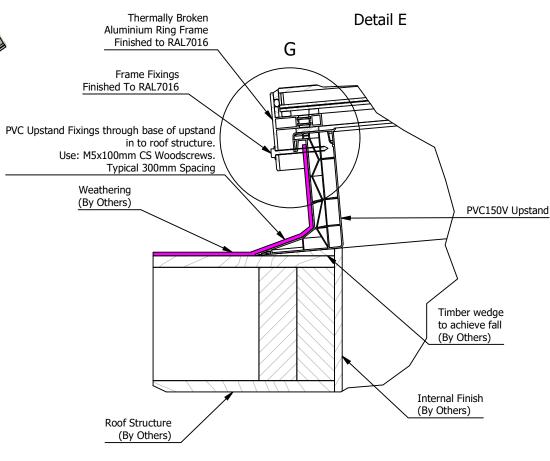
Whitesales Ltd Europa House Cranleigh GU6 8NQ

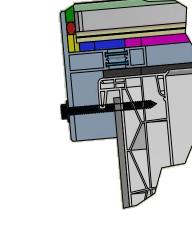
CERTIFICATION Safety and fragility of glazed roofing: guidance on specification. CWCT TN67: Safety and fragility of glazed roofing: testing and assessment. NBS SPECIFICATION CAWS L10 /45 Rooflights L10/460 Rooflights Uniclass category Pr_30_59_72 84mm Painted border shown as standard to cover glazing frame. D

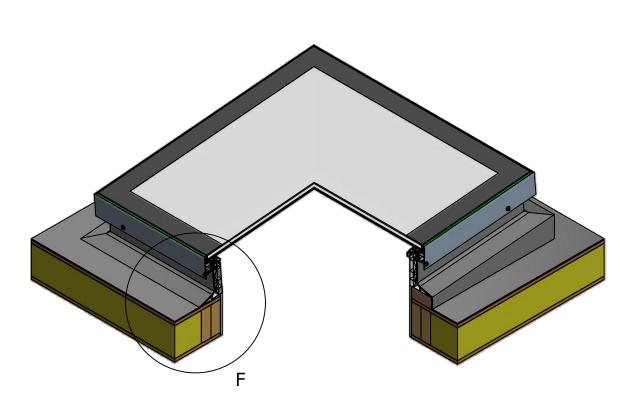




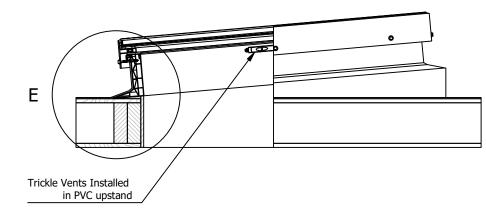
Detail F







Section D-D



This drawing is for visual purposes only, for exact specifications of the glazing and sizes, please refer to the specific line(s) on your quote.

Thermal Stress Note

To provide the highest performance of non fragility and security, the unit incorporates laminated internal panes.

For standard (annealed) laminate inner panes, guidance regarding thermal stress fracture risk is available on Whitesales website or by contacting Whitesales technical team.

To reduce risk it is recommended to keep curb widths under 120mm, avoid partial shading or rapid internal heating or cooling direct or close to the glass.

If higher risks cannot be mitigated then alternative heat strengthened or toughened glass inner panes should be considered.

Curb details shown are indicative only. Detail is designed by others.

It is the responsibility of the curb designer to ensure that the curb is structurally adequate to support the rooflight product.

Whitesales advise an installation with a minimum pitch of 5° for Rooflight units to minimise water pooling. Whilst the product can be installed flat without detriment to the warrantee. Whitesales cannot be held responsible for any excessive pooling of water to the surface of the Rooflight post installation.

CAUTION CDM: Hazard Identification - Handling materials
Manual Handling Operations Regulations (MHOR 1992) sets out a clear ranking of
measures for dealing with risks from manual handling. Ensure measures are considered at all times.
Other measures:



Hand protection (mandatory) to: BS EN 388:1994.
 Wear appropriate PPE required for the task.
 Refer to applicable risk assessment for further details.

THIS DRAWING MUST NOT BE COPIED OR PASSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT FROM THE MANUFACTURER



Title:		Description			Name	Date		
Assembly Drawing		Double Glazed Unit		Created	L.Crawford	10/07/2020		
	Project No	х	Ref No	x	Drawn	iLogic Auto	12/03/2021	
Project		Part Number		Approve	t			
	x				Checked			
Customer Name		Material		Drawir	Drawing No.			
	x		Varies		ADS12K	ADS12KA15BE1AA.1.CD.2		
Project Address		Finish	RAL7016	Sheet nu	Sheet number 2 of 3			
	xxx		Quantity	x	Scale DN	IS Size: A3	Units: mm	



Whitesales Ltd Europa House Cranleigh GU6 8NQ



CWCT TN66: Safety and fragility of glazed roofing: guidance on specification. CWCT TN67: Safety and fragility of glazed roofing: testing and assessment.



NBS SPECIFICATION

CAWS L10 /45 Rooflights L10/460 Rooflights

Uniclass category Pr_30_59_72 84mm Painted border shown as standard to cover glazing frame. Aluminium Ring Frame

Roof and Curb Structure

Painted Border

Whitesales advise an installation with a minimum pitch of 5° for Rooflight units to minimise water pooling. Whilst the product can be installed flat without detriment to the warrantee. Whitesales cannot be held responsible for any excessive pooling of water to the surface of the Rooflight post installation.

CAUTION CDM: Hazard Identification - Handling materials
Manual Handling Operations Regulations (MHOR 1992) sets out a clear ranking of
measures for dealing with risks from manual handling. Ensure measures are considered at all times.
Other measures:



Hand protection (mandatory) to: BS EN 388:1994.
 Wear appropriate PPE required for the task.
 Refer to applicable risk assessment for further details.



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NOT BE COPIED OR

PASSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT

FROM THE

MANUFACTURER

Title:		Description			Name	Date
Assembly Drawing		Double Glazed Unit		Created	L.Crawford	10/07/2020
Project No	x	Ref No	x	Drawn	iLogic Auto	12/03/2021
Project		Part Number		Approved		
x				Checked		
Customer Name		Material		Drawing No. Revis		Revision: 1
x		Varies		ADS12KA15BE1AA.1.CD.3		
Project Address		Finish	RAL7016	Sheet number 3 of 3		
xxx		Quantity	х	Scale DNS	Size: A3	Units: mm



Frame Fixings

uPVC 150mm Vertical Upstand

Whitesales Ltd Europa House Cranleigh GU6 8NQ

Thermal Stress Note

To provide the highest performance of non fragility and security, the unit incorporates laminated internal panes.

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Curb Seal Gasket

To reduce risk it is recommended to keep curb widths under 120mm, avoid partial shading or rapid internal heating or cooling direct or close to the glass.

 $If \ higher \ risks \ cannot \ be \ mitigated \ then \ alternative \ heat \ strengthened \ or \ toughened \ glass \ inner \ panes \ should \ be \ considered.$

Curb details shown are indicative only. Detail is designed by others. It is the responsibility of the curb designer to ensure that the curb is structurally adequate to support the rooflight product.