DRAWING N°.
RG-80-407
SHEET 1 OF 1

KERB DETAILS SHOWN INDICATIVE ONLY. DETAILED DESIGN BY OTHERS

CDM :HAZARD IDENTIFICATION - HANDLING MATERIALS

BE AWARE OF SHARP EDGES AND CORNERS WHEN HANDLING MATERIALS. MOST EDGES AND CORNERS WILL BE DEBURRDED BUT THERE IS STILL A SMALL RISK. WEAR APPROPRIATE PPE REQUIRED FOR THE TASK.
THE MHOR 1992 SET OUT A CLEAR RANKING OF MEASURES FOR DEALING WITH RISKS FROM MANUAL HANDLING, THESE ARE :

- **FIRST** : AVOID HAZARDOUS MANUAL HANDLING OPERATIONS SO FAR AS IS REASONABLY PRACTICABLE;
- **SECOND** : ASSESS ANY HAZARDOUS MANUAL HANDLING OPERATIONS THAT CANNOT BE AVOIDED; AND
- **THIRD** : REDUCE THE RISK OF INJURY SO FAR AS IS REASONABLY PRACTICABLE.

HAND PROTECTION (MANDATORY) TO: BS EN 388:1994.
ROOFLIGHTS MUST ONLY BE INSTALLED BY COMPETENT CONTRACTORS.
REFER TO RISK ASSESSMENT FOR FURTHER DETAILS.

NOTES

X No. REQUIRED

GLAZING SPECIFICATION:
OUTER SKIN: 33mm CLEAR TOUGHENED & LAMINATED GLASS WITH PAINTED BORDER TO FACE 2
CAVITY: 18mm ARGON FILLED + WARM EDGE SPACER
INNER SKIN: 6mm CLEAR HST TOUGHENED GLASS WITH SUPER LOW-E COATING TO CAVITY FACE
SILICONE BONDED

ROOFLIGHT WEIGHT = 116 kg/m²

DOMESTIC LOADINGS TO BS EN 1991-1-1:

- 1.5 kN/m² Uniformly distributed load (25.5 or 33 glass)
- 2.0 kN Concentrated load

- 4.0 kN/m² Uniformly distributed load (33 or 39 glass)
- 3.6 kN Concentrated load

- 5.0 kN/m² Uniformly distributed load (39 or 48)
- 4.5 kN Concentrated load

PAINT BORDER SHOWN AS STANDARD TO COVER GLAZING FRAME. OTHER DIMS AVAILABLE UPON REQUEST. PAINT BORDER AVAILABLE WITH TOUGHENED GLASS ONLY.

LIGHT TRANSMISSION = 66.9%

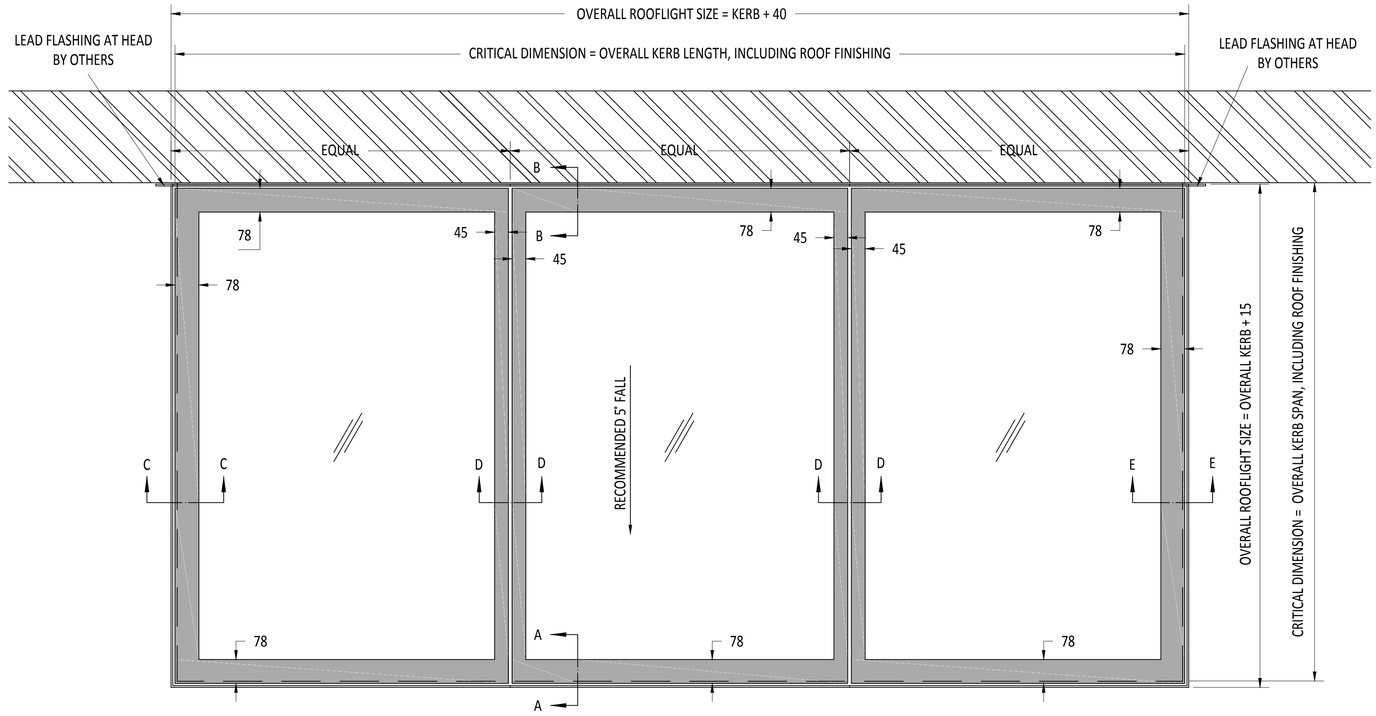
SOLAR G VALUE = 0.42

ACOUSTIC = 42 Rw dB (Guardian Glass Online Acoustic Calculator)

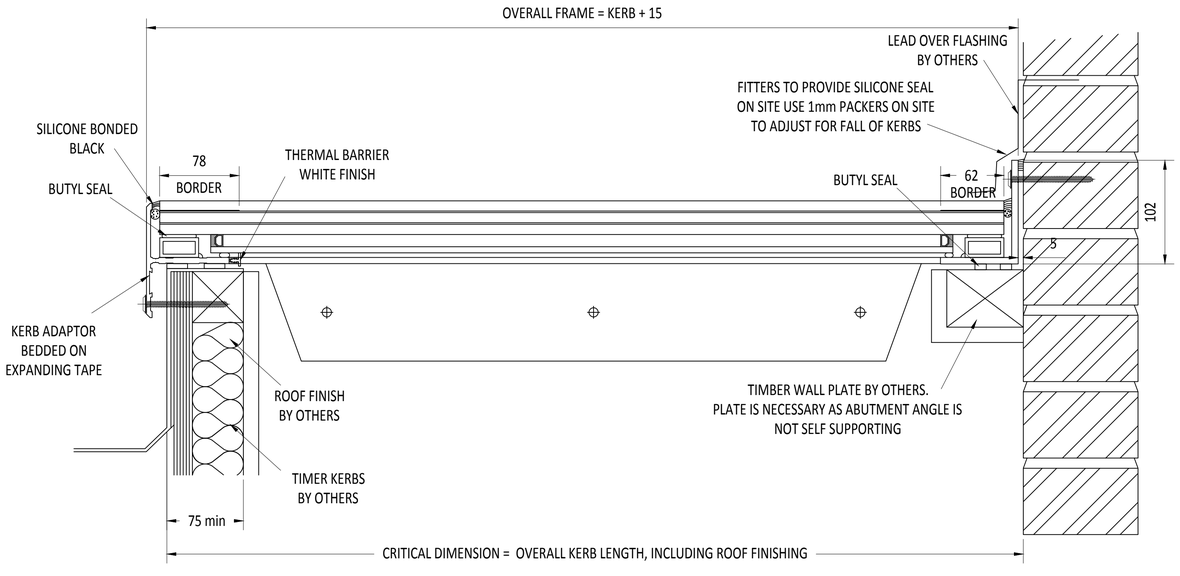
CENTRE PANE U VALUE = 1.0W/m².K (Guardian Online Glass Configurator)

PRODUCT U VALUE = AS LOW AS 1.3 W/m².K

DIMENSIONS SHOWN DOWN THE SLOPE.

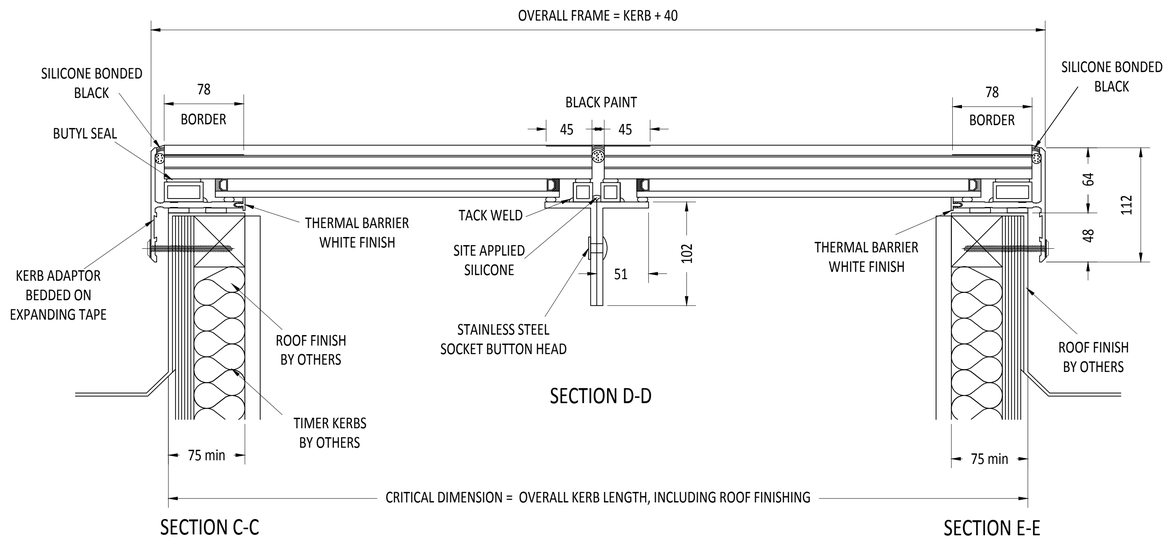


PLAN VIEW
TRUE VIEW ON SLOPE
SCALE: 1:10



SECTION A-A

SECTION B-B



SECTION C-C

SECTION D-D

SECTION E-E

IF IN DOUBT ASK DO NOT SCALE	IT IS THE RESPONSIBILITY OF THE KERB DESIGNER TO ENSURE THE KERB WILL BE STRUCTURALLY ADEQUATE TO HOLD THE ROOFLIGHT. KERBS SHOWN ON ROOFGLAZE DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY.	Roofglaze would advise an installation with a minimum pitch of 5° for rooflight units to minimize water pooling. Whilst the product can be installed flat without detriment to the warrantee, Roofglaze cannot be held responsible for any excessive pooling of water to the surface of the rooflight post installation, if installed without an adequate fall.	THIS DRAWING MUST NOT BE COPIED OR PASSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT FROM ROOFGLAZE LIMITED.	CHECKED DATE DRAWN D. PUGH DATE 15-12-2015	TOLERANCE UNLESS OTHERWISE STATED ±5 DIMENSIONS IN MM SCALE 1:3 & 1:10 @ A1	MATERIAL ALUMINIUM + GLASS FINISH POLYESTER POWDER COATING COLOUR T.B.C.

REV	AMENDMENTS	SIGNED	CHECKED	DATE

Roofglaze Limited,
11 Howard Road, Eaton Socon, St Neots, Cambs, PE19 8ET
Telephone 01480 474797. Fax 01480 474774.
E-mail technical@roofglaze.co.uk

Roofglaze

TITLE: FIXED MULTI SECTON WALK ON FLATGLASS + HEAD ABUTMENT

A 1

DRAWING N°. RG-80-407 SHEET 1 OF 1

REV