

**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 BLACK PAINTED BORDER TO FACE 2  
**CAVITY:** 12mm ARGON FILLED + WARM EDGE SPACER  
**INNER SKIN:** 6mm CLEAR HST TOUGHENED GLASS  
WITH LOW-E COATING TO CAVITY FACE

SILICONE BONDED

ROOFLIGHT WEIGHT = 116 kg/m<sup>2</sup> APPROX. (contact technical for exact weights)

**FLOOR LOADINGS TO BS EN 1991-1-1:**

- 1.5 kN/m<sup>2</sup> Uniformly distributed load (25.5 or 33 glass)
- 2.0 kN Concentrated load
- 4.0 kN/m<sup>2</sup> Uniformly distributed load (33 or 39 glass)
- 3.6 kN Concentrated load
- 5.0 kN/m<sup>2</sup> Uniformly distributed load (39 or 48)
- 4.5 kN Concentrated load

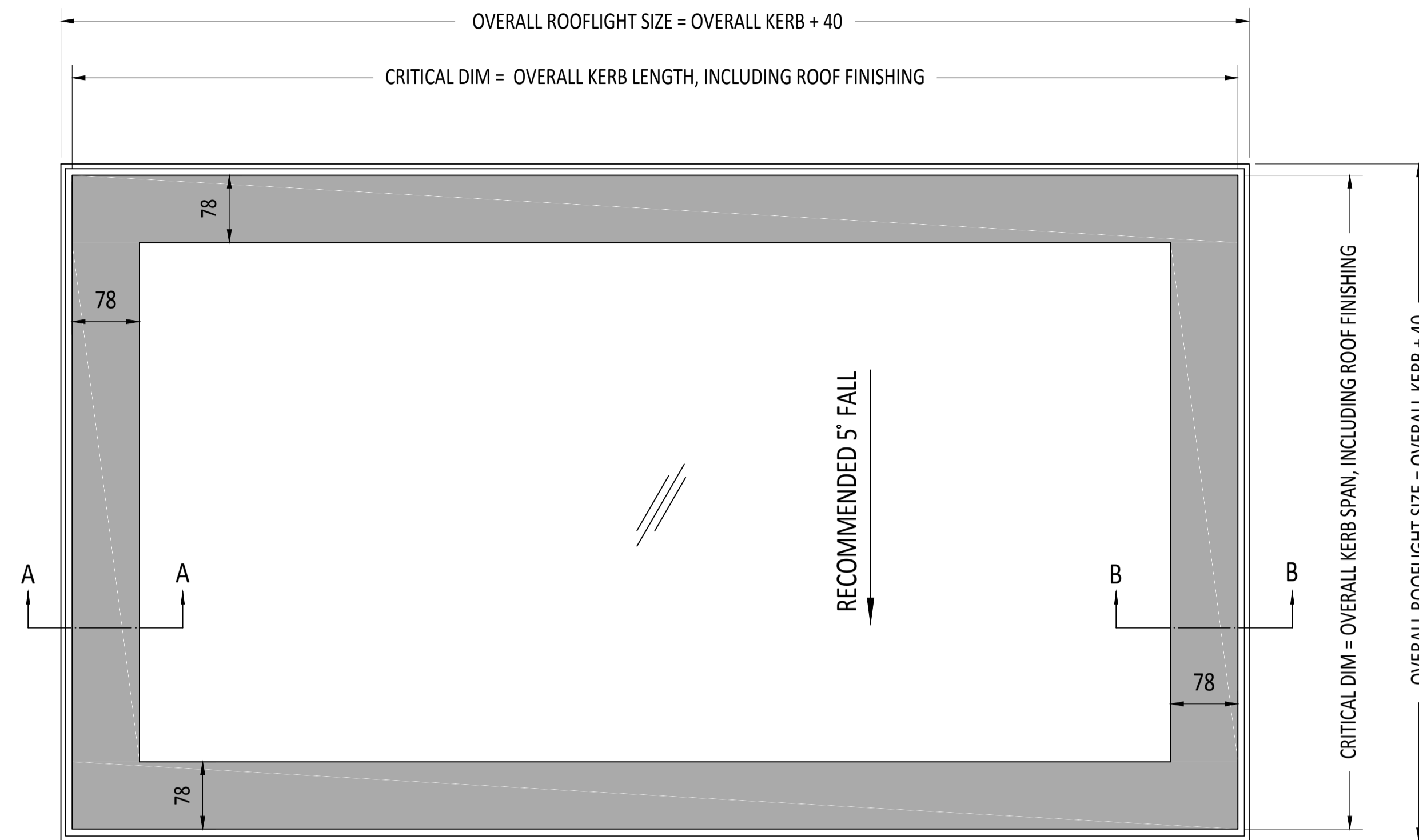
GLASS THICKNESS MAY VARY DEPENDING ON LOADS (25.5, 33, 39, 48)

PAINTED BORDER SHOWN AS STANDARD TO COVER GLAZING FRAME. OTHER DIMS AVAILABLE UPON REQUEST.

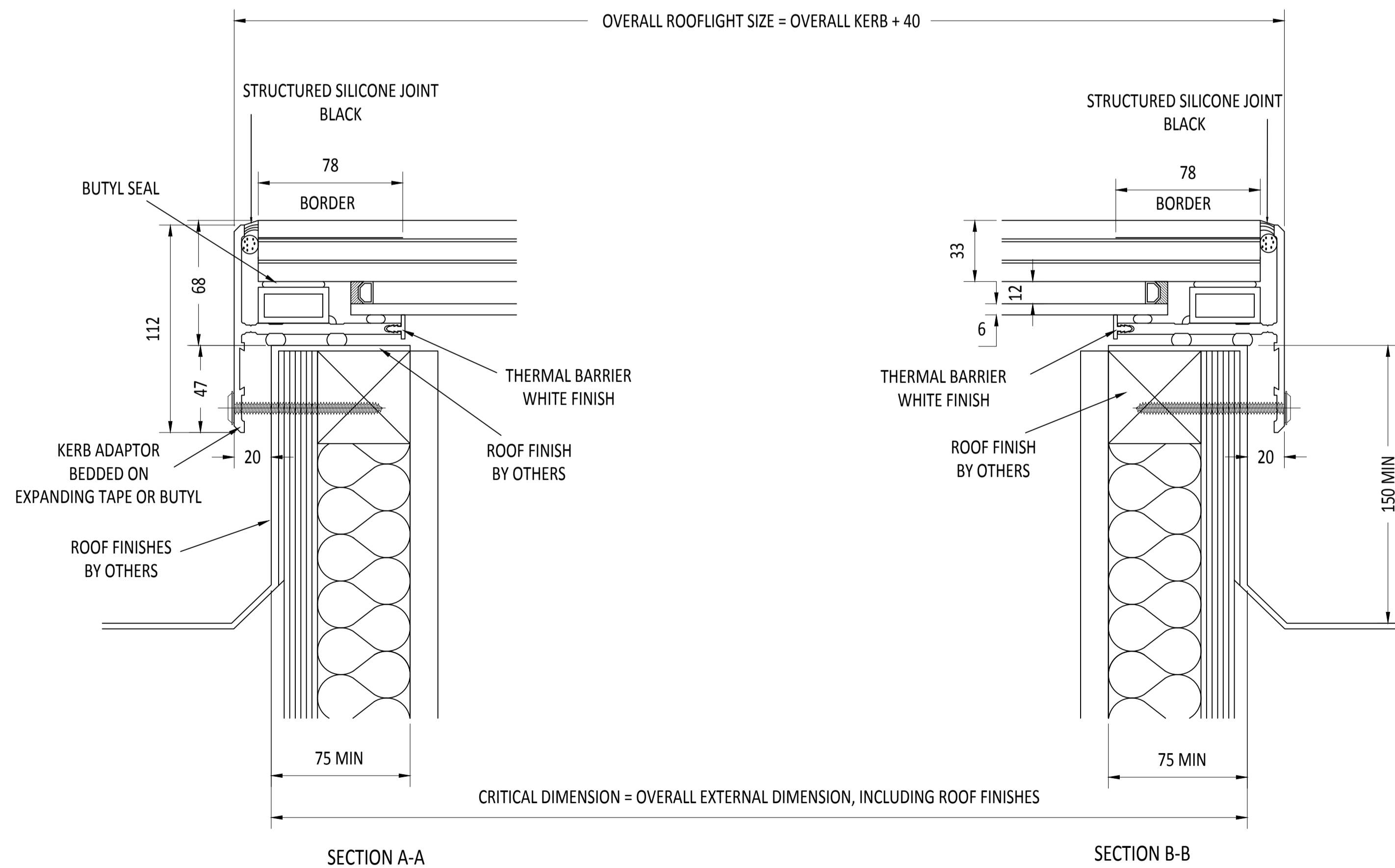
CENTRE PANE U VALUE = AS LOW AS 1.0W/m<sup>2</sup>.K  
(as Guardian glass online configurator)

DIMENSIONS SHOWN DOWN THE SLOPE.

DIMENSIONS SHOWN TO TOP OF GLASS ARE APPROXIMATE.



PLAN VIEW  
True view on slope



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 ROOFLAZE 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 warranty, 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 ROOFLAZE LIMITED.

CHECKED  
DATE  
DRAWN  
D. PUGH  
DATE  
20-01-2016

TOLERANCE UNLESS OTHERWISE STATED ±5  
DIMENSIONS IN MM  
SCALE 1:2 & 1:5 @ A1

MATERIAL ALUMINIUM + GLASS  
FINISH POLYESTER POWDER COATING COLOUR T.B.C.

REV	AMENDMENTS	SIGNED	CHECKED	DATE

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TITLE:

FIXED WALK ON  
FIXED WALK ON FLATGLASS

A1

DRAWING N°:  
**RG-80-400**  
SHEET 1 OF 1

REV