

NOTES

X No. REQUIRED

GLASS SPEC:  
 OUTER : 8mm HST TOUGHENED GLASS + 1.1 LOW E COATING  
 CAVITY : 14mm ARGON FILLED + WARM EDGE SPACER + DC3363 UV RESISTANT SILICONE EDGE SEAL  
 INNER : 8.8mm LAMINATED + POLISHED EDGES  
 SILICONE BONDED

- LIGHT TRANSMISSION = 78 %
- CENTRE PANE U VALUE = 1.1 W/m<sup>2</sup>.K
- SOLAR G VALUE = 0.63
- ACOUSTIC REDUCTION = 37 Rw dB
- AIR PERMEABILITY = CWCT CLASS A4
- WEATHER RESISTANCE = CWCT CLASS A7
- WIND RESISTANCE = CWCT CLASS E2400
- WEIGHT = APPROX. 45 KG/m<sup>2</sup>
- AA FIRE-RATED: AA DESIGNATION (NATIONAL CLASS) OR bROOF (T4) EUROPEAN CLASS AND EURO CLASS A1 NON-COMBUSTIBLE

ROOFLIGHT ORDER SIZE = OVERALL FINISHED AND WEATHER KERB DIMS, INTERNAL OPENING SIZE IS NOT RELEVANT AT ORDER STAGE.

GLASS BONDED TO FRAME WITH GLAZING SECURITY TAPE.

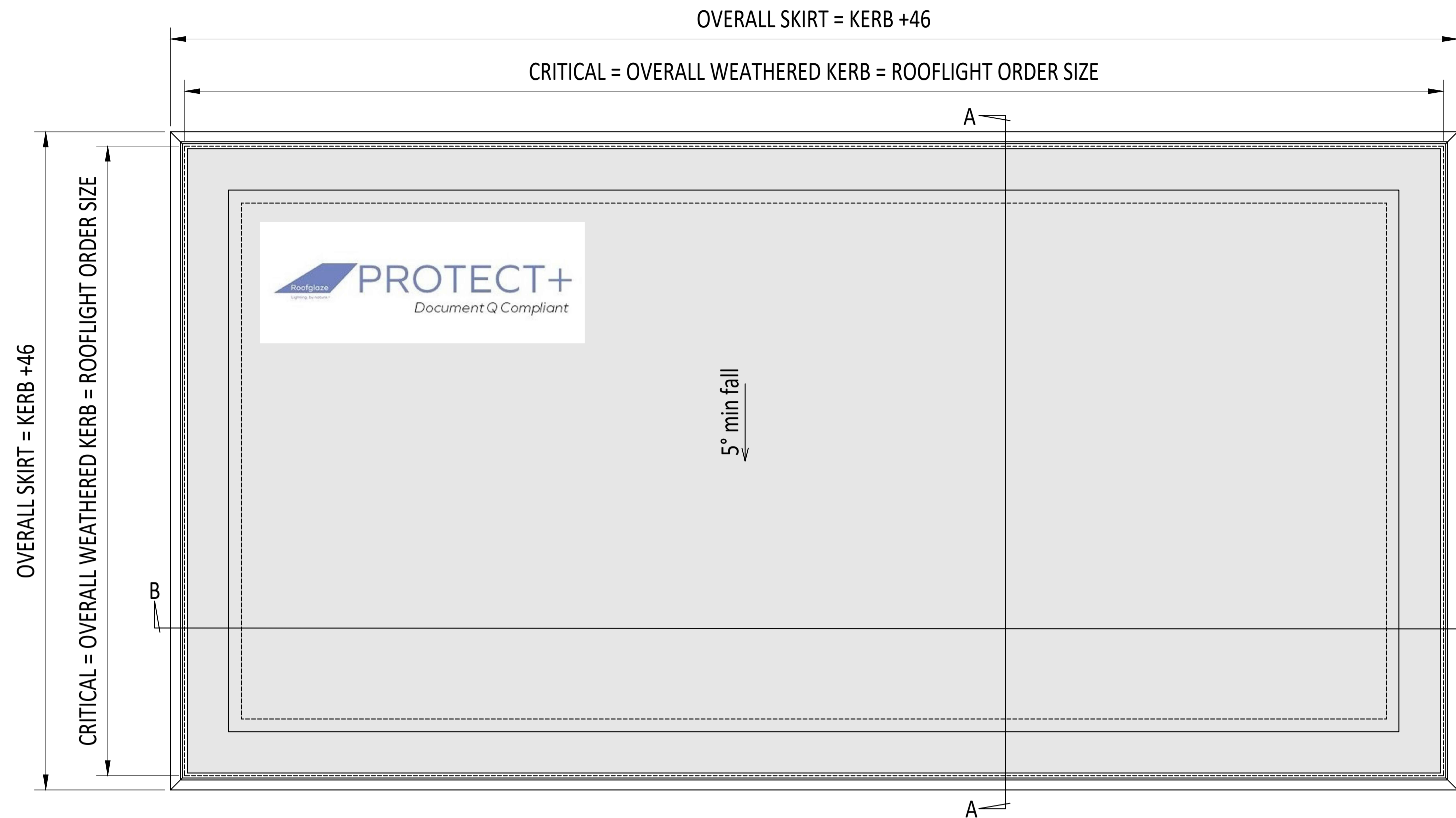
KERB DETAILS SHOWN INDICATIVE DETAILED DESIGN BY OTHERS.

MIN. 5° FALL RECOMMENDED TO HELP SHED WATER. LARGER UNITS MAY REQUIRE STEEPER PITCHES.

PRODUCT U-VALUE = AS LOW AS 0.4 W/m<sup>2</sup>.K (u-values are size dependant)

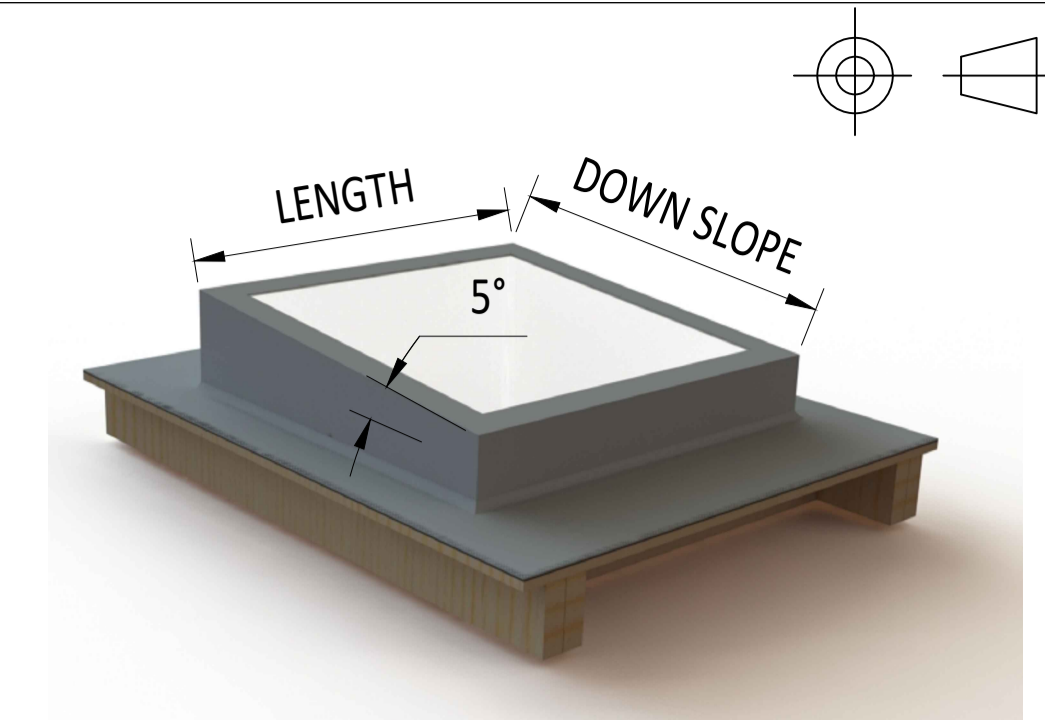
THESE ROOFLIGHTS WERE TESTED AND RECEIVED THIRD PARTY ACCREDITATION FOR CERTISECURE STS202 INTRUDER RESISTANCE CLASS BR2.

DESIGN LOADS: 750N/m<sup>2</sup> WIND 640N/m<sup>2</sup> SNOW AS STANDARD OTHER LOADS TO BE SPECIFIED BY CLIENT.



EXTERNAL PLAN VIEW  
TRUE VIEW ON SLOPE

KERB DETAILS SHOWN INDICATIVE ONLY. DETAILED DESIGN BY OTHERS



3D EXAMPLE OF KERB

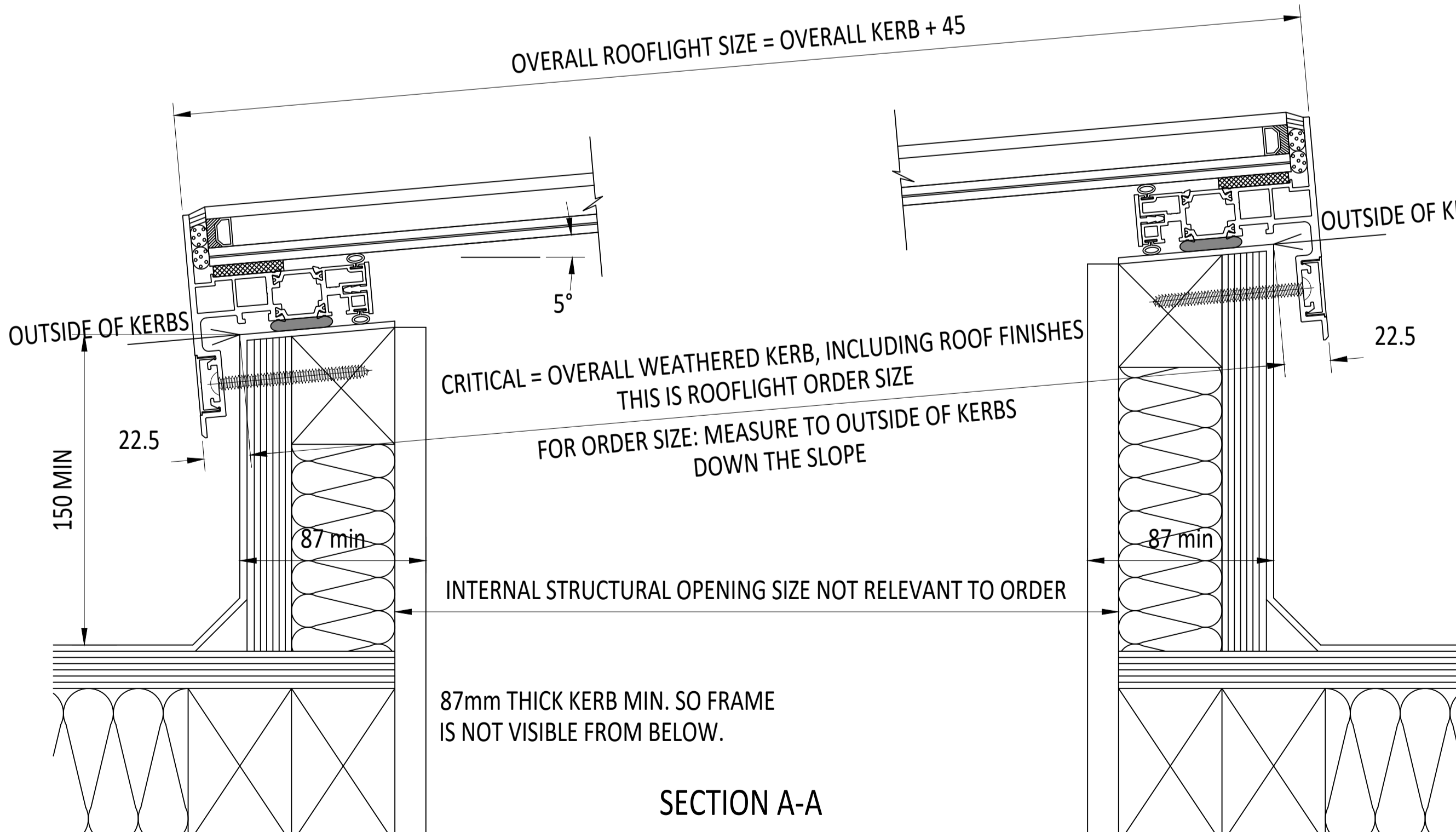


3D RENDER

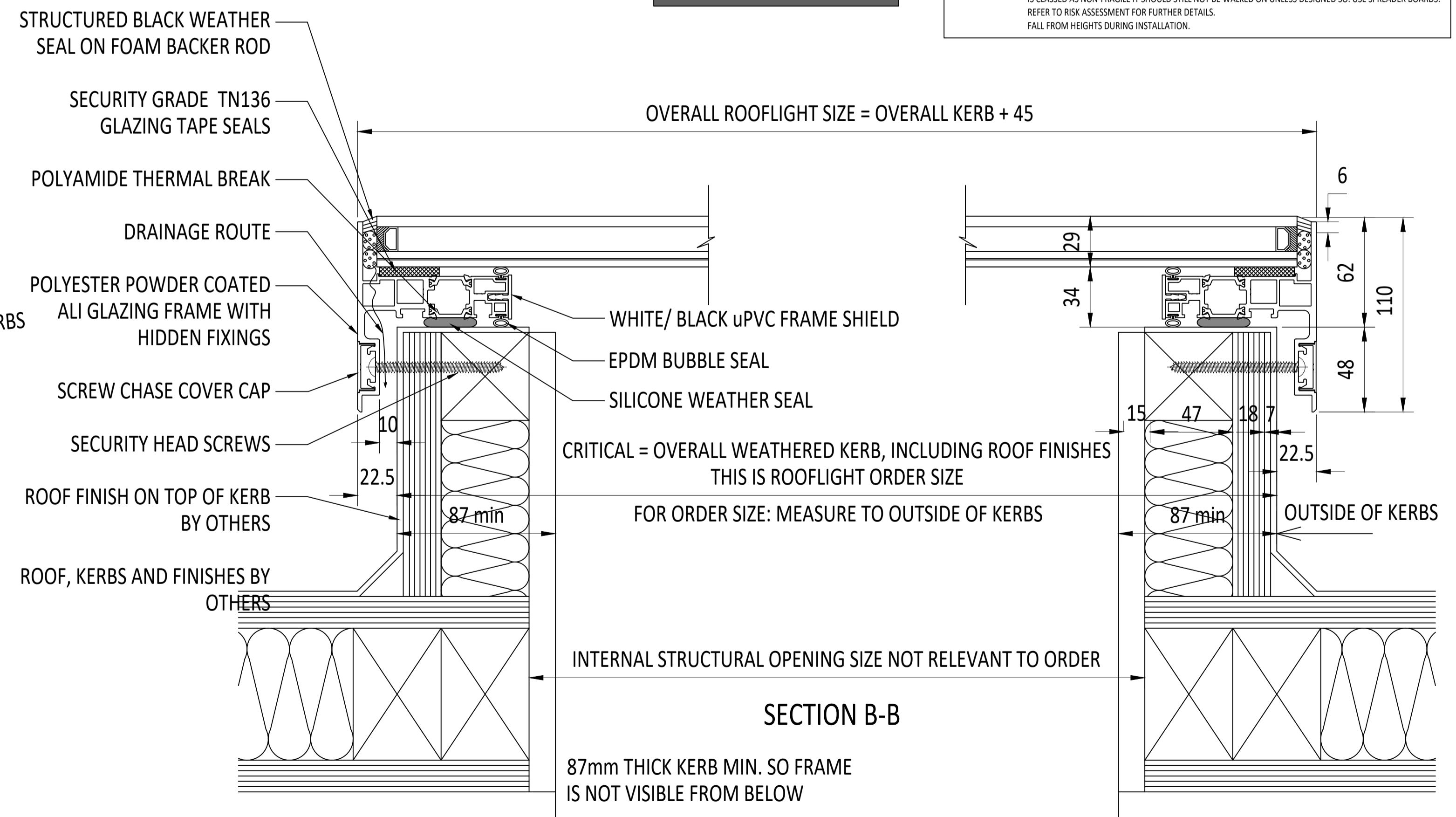
**CDM :HAZARD IDENTIFICATION - HANDLING MATERIALS**  
 BE AWARE OF SHARP EDGES AND CORNERS WHEN HANDLING MATERIALS. MOST EDGES AND CORNERS WILL BE DEBURRDED BUT THERE IS STILL A SMALL RISK. WEAR APPROPRIATE PPE REQUIRED FOR THE TASK. THE MISHR 1992 SET OUT A CLEAR RANKING OF MEASURES FOR DEALING WITH 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.  
 UNLESS DESIGNED FOR CWCT CLASS 0 OR CLASS 1, DANGER OF DAMAGING GLASS IF IT IS WALKED UPON. IF GLASS IS CLASSED AS NON-FRAGILE IT SHOULD STILL NOT BE WALKED ON UNLESS DESIGNED SO. USE SPREADER BOARDS. REFER TO RISK ASSESSMENT FOR FURTHER DETAILS.  
 FALL FROM HEIGHTS DURING INSTALLATION.



SECTION A-A



SECTION B-B

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 THESE DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY.	The manufacturer 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, the manufacturer cannot be held responsible for any excessive pooling of water to the surface of the rooflight, post installation, if installed without an adequate fall, larger units may require a greater fall. The final decision on amount of fall required must be made by the client and relayed to the installer.	THIS DRAWING MUST NOT BE COPIED OR PASSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT FROM THE MANUFACTURER.	CHECKED	D. PUGH	TOLERANCE UNLESS OTHERWISE STATED	±5	MATERIAL	ALUMINIUM + GLASS	Roofglaze Rooflights Ltd. 11 Howard Road, Eaton Socon, St Neots, Cambs, PE19 8ET Telephone 01480 474797	DRAWING NO.	RGR-F-20-102	REV	ROOFLIGHTS	
				DATE	20-08-2020		DIMENSIONS IN		MM			FINISH		STANDARD POLYESTER POWDER COAT OPTIONS: RAL 7016 ANTHRACITE GREY, RAL 9005 BLACK, RAL 9010 WHITE, 30% GLOSS (MATT)	SIZE
SKYWAY™				DRAWN	A. PHILLIPS	SCALE	1:2, 1:5 @ A1			TITLE:	SKYWAY PROTECT+ FIXED FLATGLASS		SIGNED	CHECKED	DATE
				DATE	20-08-2020	REV	AMENDMENTS								