KERB DETAILS SHOWN INDICATIVE ONLY. DETAILED DESIGN BY OTHERS

NOTES

X NUMBER REQUIRED

GLASS SPEC:
OUTER : 6mm HST TOUGHENED GLASS
CAVITY : 16mm ARGON FILLED + WARM EDGE SPACER + DC3363 UV RESISTANT SILICONE EDGE SEAL
INNER : 6mm HST TOUGHENED OR 8.8mm LAMINATED GLASS + LOW E COATING

- LIGHT TRANSMISSION = 78 %
- CENTRE PANE U VALUE = 1.1 W/m².K
- SOLAR G VALUE = 0.63
- ACOUSTIC REDUCTION = 34 (6/6) 39 (6/8.8) Rw dB
- AIR PERMEABILITY = CWCT CLASS A4
- WEATHER RESISTANCE = CWCT CLASS A7
- WIND RESISTANCE = CWCT CLASS E2400
- WEIGHT = 45 KG/m²
- 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.

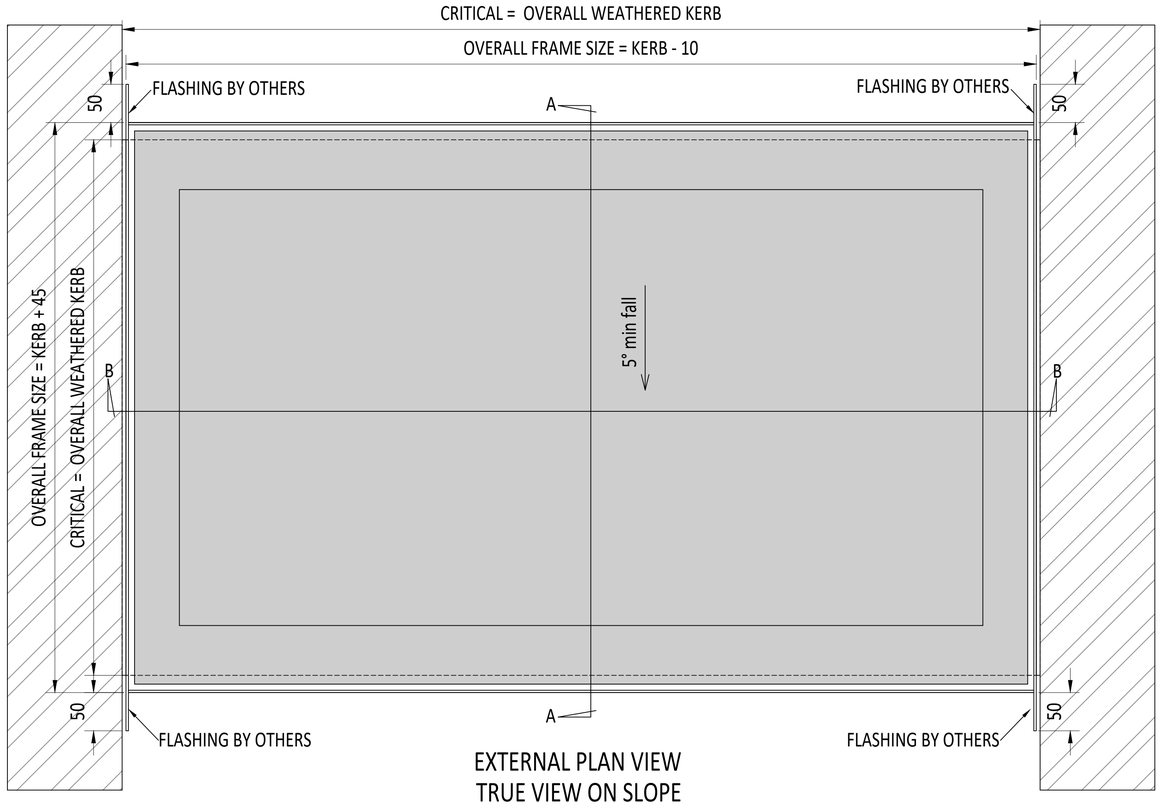
MIN. 5° FALL RECOMMENDED TO HELP SHED WATER. LARGER UNITS MAY REQUIRE STEEPER PITCHES.

PRODUCT U-VALUE = AS LOW AS 1.2 W/m².K (u-values are size dependant)

WITH ANNEALED GLASS, KERBS TO BE 130mm THICK MAXIMUM.

DESIGN LOADS: 750N/m² WIND 640N/m² SNOW AS STANDARD
OTHER LOADS TO BE SPECIFIED BY CLIENT.

ESSENTIAL WALL ABUTMENT SUPPORT BY OTHERS.
ESSENTIAL OVER FLASHING OF ABUTMENT BY OTHERS.



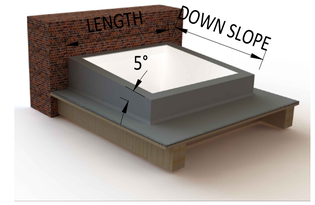
EXTERNAL PLAN VIEW
TRUE VIEW ON SLOPE

CDM :HAZARD IDENTIFICATION - HANDLING MATERIALS

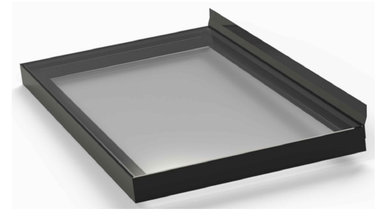
BE AWARE OF SHARP EDGES AND CORNERS WHEN HANDLING MATERIALS. MOST EDGES AND CORNERS WILL BE DEBURRDED BUT THERE IS STILL A SMALL RISK. WEAR APPROPRIATE PPE REQUIRED FOR THE TASK.
THE MHOR 1992 SET OUT A CLEAR RANKING OF MEASURES FOR DEALING WITH RISKS FROM MANUAL HANDLING, THESE ARE:

- **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.

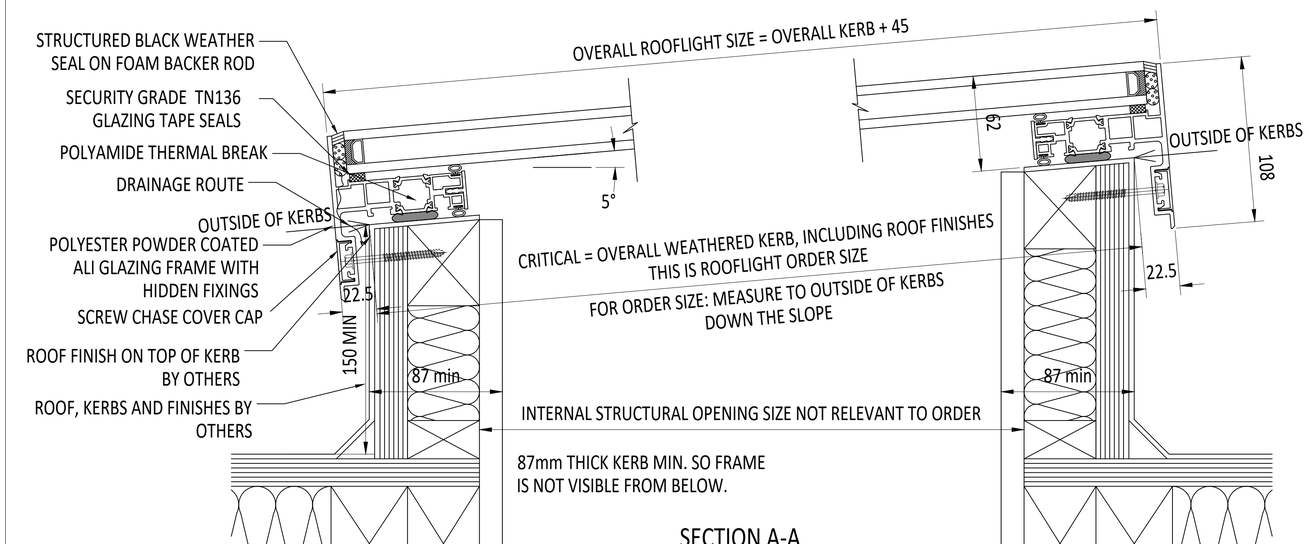
HAND PROTECTION (MANDATORY) TO: BS EN 388:1994.
ROOFLIGHTS MUST ONLY BE INSTALLED BY COMPETENT CONTRACTORS.
UNLESS DESIGNED FOR CWCT CLASS 0 OR CLASS 1, DANGER OF DAMAGING GLASS IF IT IS WALKED UPON. IF GLASS IS CLASSED AS NON-FRAGILE IT SHOULD STILL NOT BE WALKED ON UNLESS DESIGNED SO. USE SPREADER BOARDS. REFER TO RISK ASSESSMENT FOR FURTHER DETAILS.
FALL FROM HEIGHTS DURING INSTALLATION.



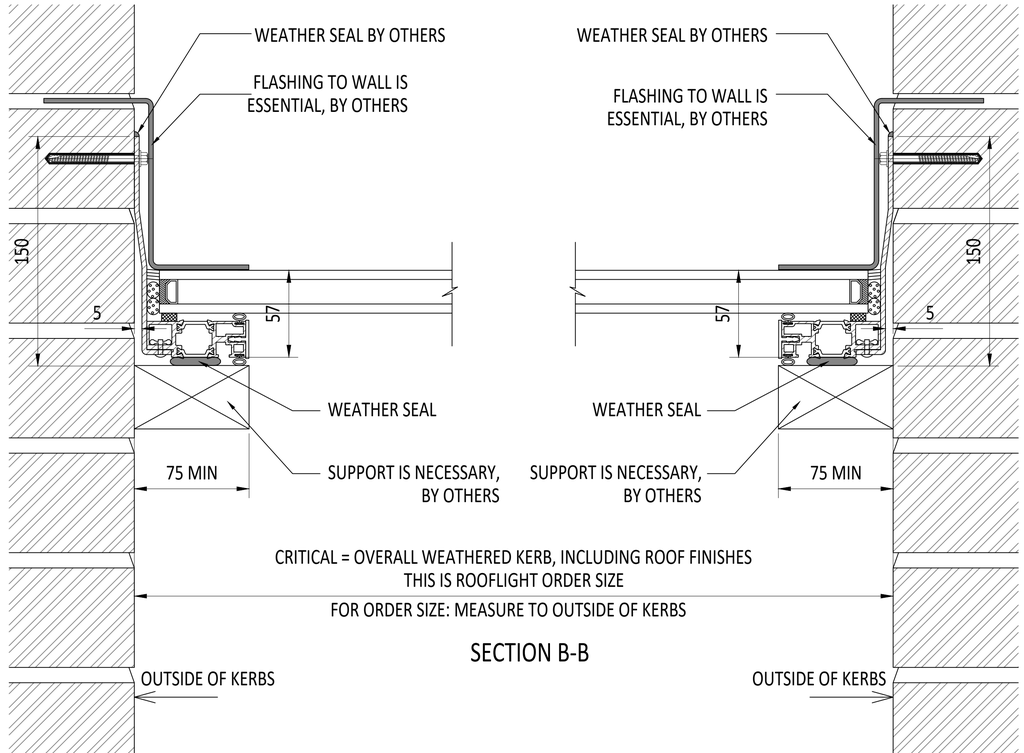
3D EXAMPLE OF KERB



3D RENDER IMAGING OF KERB (1 ABUTMENT)



SECTION A-A



SECTION B-B

IF IN DOUBT ASK DO NOT SCALE

SKYWAY™

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 warrantee, 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
DATE	07-01-2021
DRAWN	A.PHILLIPS
DATE	07-01-2021
TOLERANCE UNLESS OTHERWISE STATED	±5
DIMENSIONS IN	MM
SCALE	1:2, 1:4 @ A1
MATERIAL	ALUMINIUM + GLASS
FINISH	STANDARD POLYESTER POWDER COAT OPTIONS: RAL 7016 ANTHRACITE GREY, RAL 9005 BLACK, RAL 9010 WHITE, 30% GLOSS (MATT)

REV	AMENDMENTS	SIGNED	CHECKED	DATE

Roofglaze Rooflights Ltd,
11 Howard Road, Eaton Socon,
St Neots, Cambs, PE19 8ET
Telephone 01480 474797

DRAWING N°. RGR-F-20-108

REV

TITLE: SKYWAY FIXED FLATGLASS + 2 VERGE ABUTMENTS

SIZE A1

ROOFGLAZE Lighting by nature™