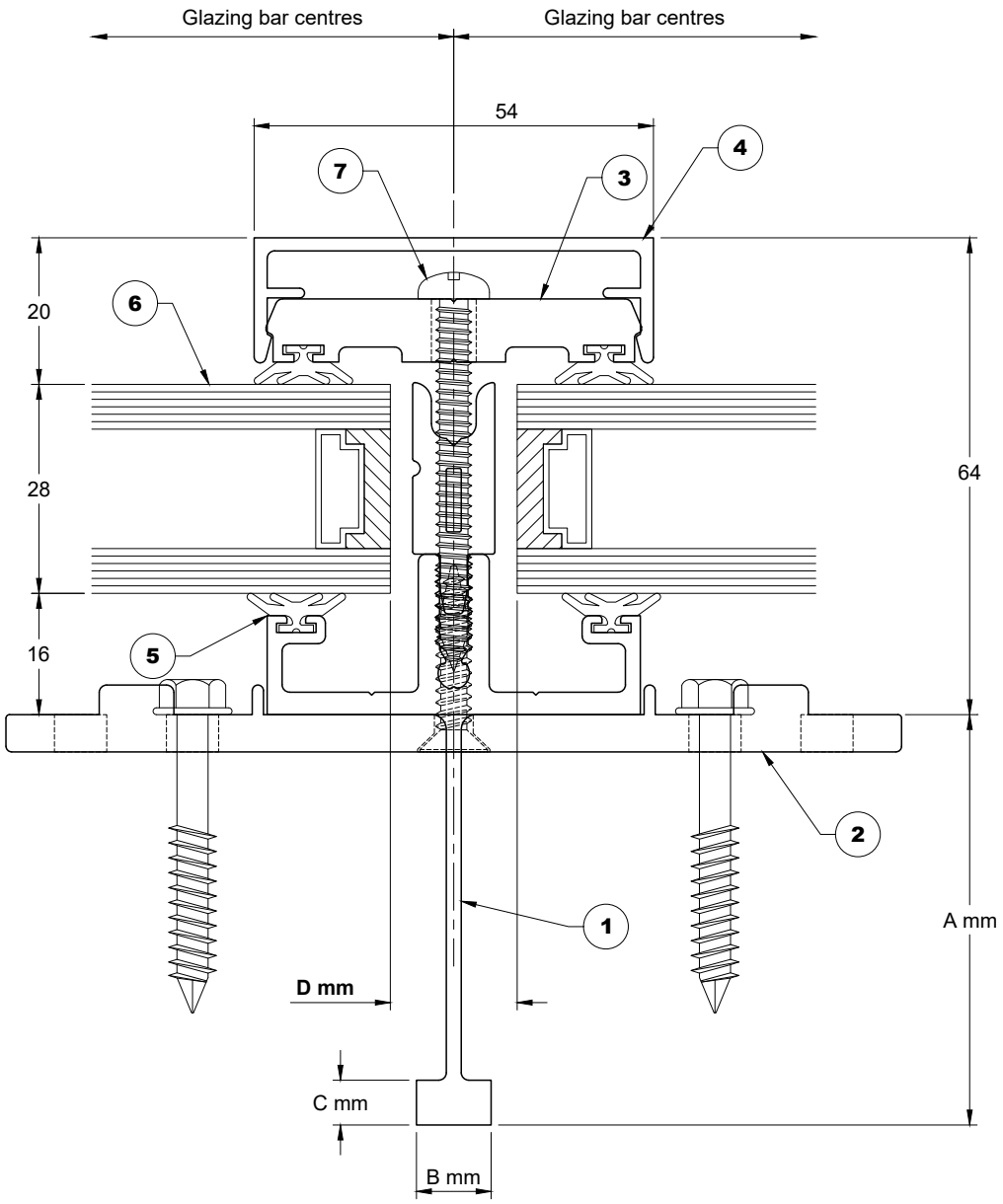
DWG NO	SDA-AAA-AA1	**SERIES**	Skyline Double
REVISION	A	**TITLE**	Glazing bar detail
SCALE	1:1 @ A4	**DOWNLOAD**	www.patent-glazing.com

S2010

Standard PATENT GLAZING ESTABLISHED 1902

SPG Rafterline Range of glazing bars are designed for all types of glazing were a support frame is supplied by others



Diagrammatic sketch of Skyline aluminium glazing bar with aluminium pressure and cover cap

KEY

1. SPG2 glazing bar extruded from aluminium alloy 6063-T6 to BS 1474.
2. Cast galvanized steel fixing plate secured to glazing bar with 4.8mm stainless steel countersunk head self tapping screw. Fixed to structure as required.
3. PC5 external pressure cap extruded from aluminium alloy 6063-T6 to BS 1474.
4. PC2 external cosmetic cover cap extruded from aluminium alloy 6063-T6 to BS 1474.
5. Fin gasket extruded from thermo plastic rubber to BS 7412.
6. Infill can accommodate all specifications of safety glass and polycarbonates between thicknesses from 24mm and 32mm.
7. 4.8mm stainless steel pan head self tapping screw to BS EN ISO 3506 grade A2.

APPEARANCE

Materials are available in an untreated finish (Mill). Coloured finish (polyester powder coated to BS 6496 to a range of RAL colours) or anodized to BS3987.

PERFORMANCE

This system is designed to conform to all requirements of BS 5516, 2004 when installed to all The Standard Patent Glazing recommendations and installation instructions.

NON - FRAGILITY

System can conform when installed to all The Standard Patent Glazings recommendations and installation instructions to ACR[M]001 2011 class A and CWCT TN 66 - 67 2010 class 2. Please contact us for further information and details.

	Dimensions			Glass Deductions	Performance Data		
Bar	A	B	C	D	Ix-x mm	Zx-x mm³	Span mm
SPG 2	55	10	6	17 - 23 (20 avg)	241,545	5,049	1,050 - 2,630
SPG 3	75	12	6	17 - 23 (20 avg)	502,479	8,341	1,520 - 3,530
SPG 4	100	12	12	17 - 23 (20 avg)	1,300,074	18,896	2,450 - 4,470

Note:- Spans (distance between fixing positions) shown are indicative only depending on location, altitude,loadings, height of glazing, pitch, infill thickness and bar centres. We will provide the glazing bar to suit the required conditions. Please contact us for further information. Spans above are based on 600mm centres on a 2 x 6mm glass infill duo pitched at 20° in a built up area.

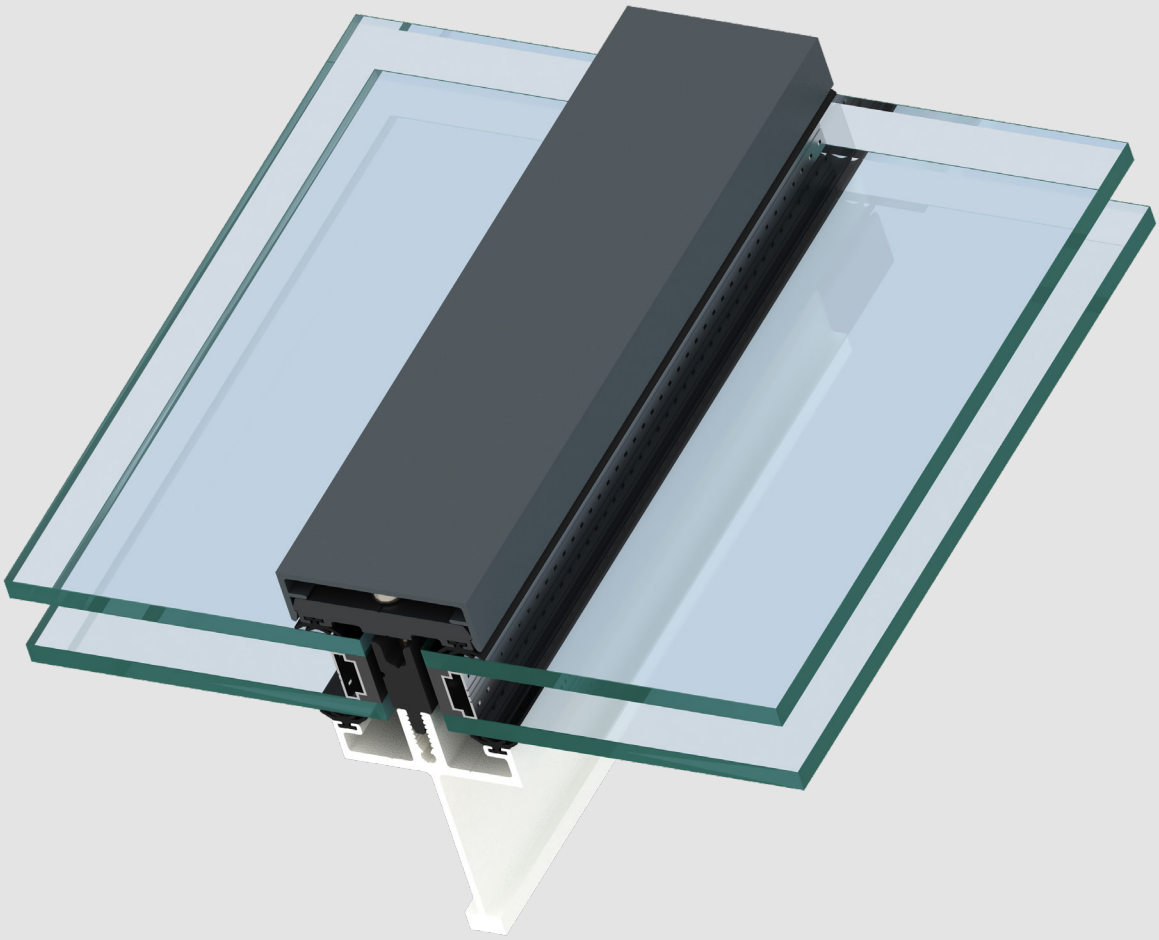
Contact Details.

Website - www.patent-glazing.com **Email -** Technical@patent-glazing.com **Telephone Number -** 01924 461213

NBS

DWG NO	SDA-AAA-AA1	**SERIES**	Skyline Double
REVISION	A	**TITLE**	Glazing bar detail
SCALE	NTS	**DOWNLOAD**	www.patent-glazing.com

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NBS

DWG NO	SDS-NAR-TA4	**SERIES**	Skyline Double
REVISION	A	**TITLE**	Aluminium flashing to a timber ridge
SCALE	1:2.5 @ A4	**DOWNLOAD**	www.patent-glazing.com

S2330

Standard PATENT GLAZING ESTABLISHED 1902

ITEMS SUPPLIED BY SPG

1. SPG2 Skyline type aluminium glazing bar.
2. Glazing bar fixing plate secured to timber structure as required.
3. Aluminium weather bar with TPE bubble gasket seal, running between glazing bars clipped over fixing plate.
4. PC5 rigid UPVC pressure cap & PC2 aluminium cosmetic cover cap.
5. Infill 28mm double glazed unit (DG) with warm edge spacer bar and argon filled cavity.
6. 3 piece 1.5mm aluminium ridge flashing running full length of glazing and sealed.

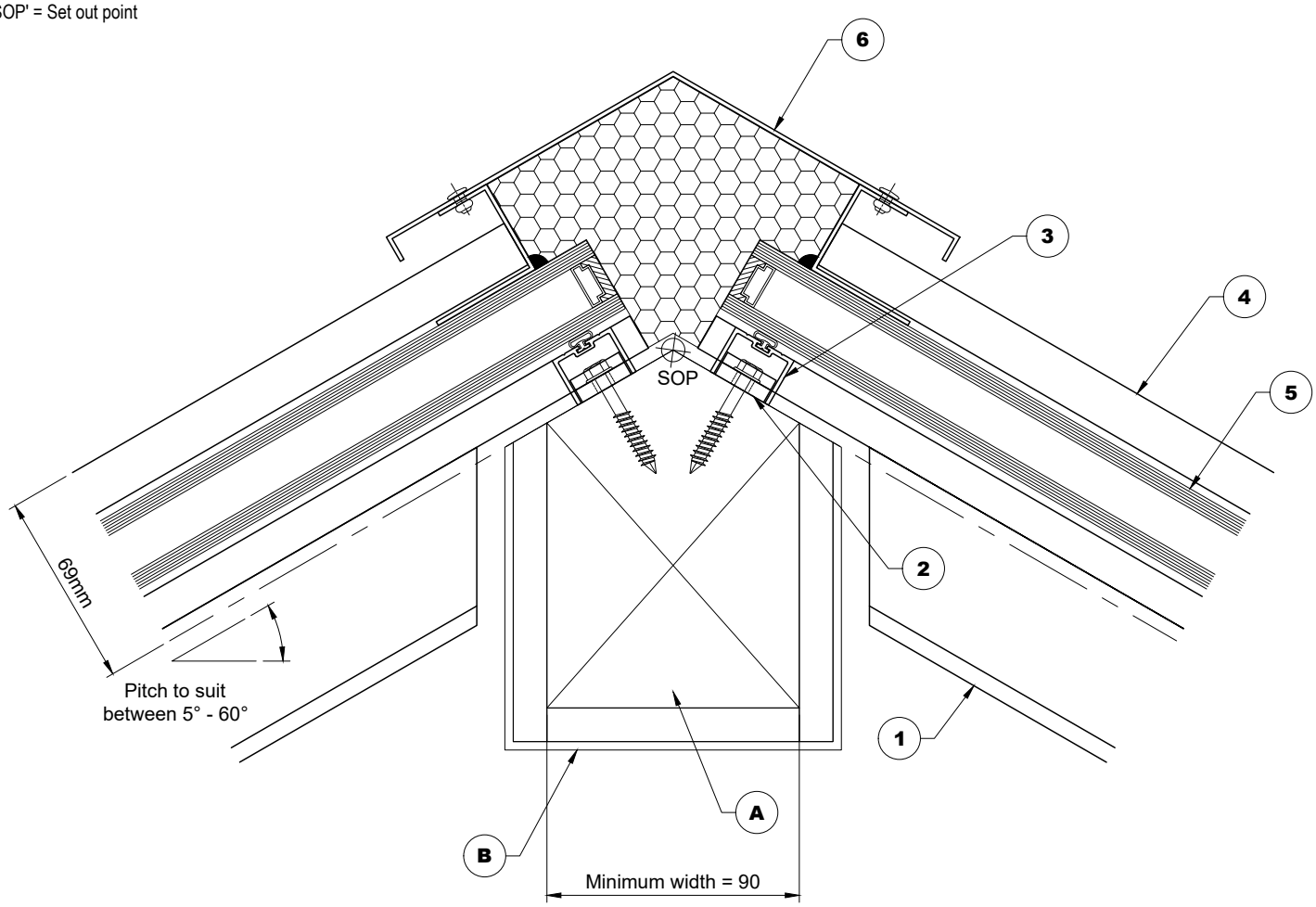
ITEMS NOT SUPPLIED BY SPG

A. Structural timber ridge running full length of glazing.

B. Internal finishings.

KEY

'SOP' = Set out point



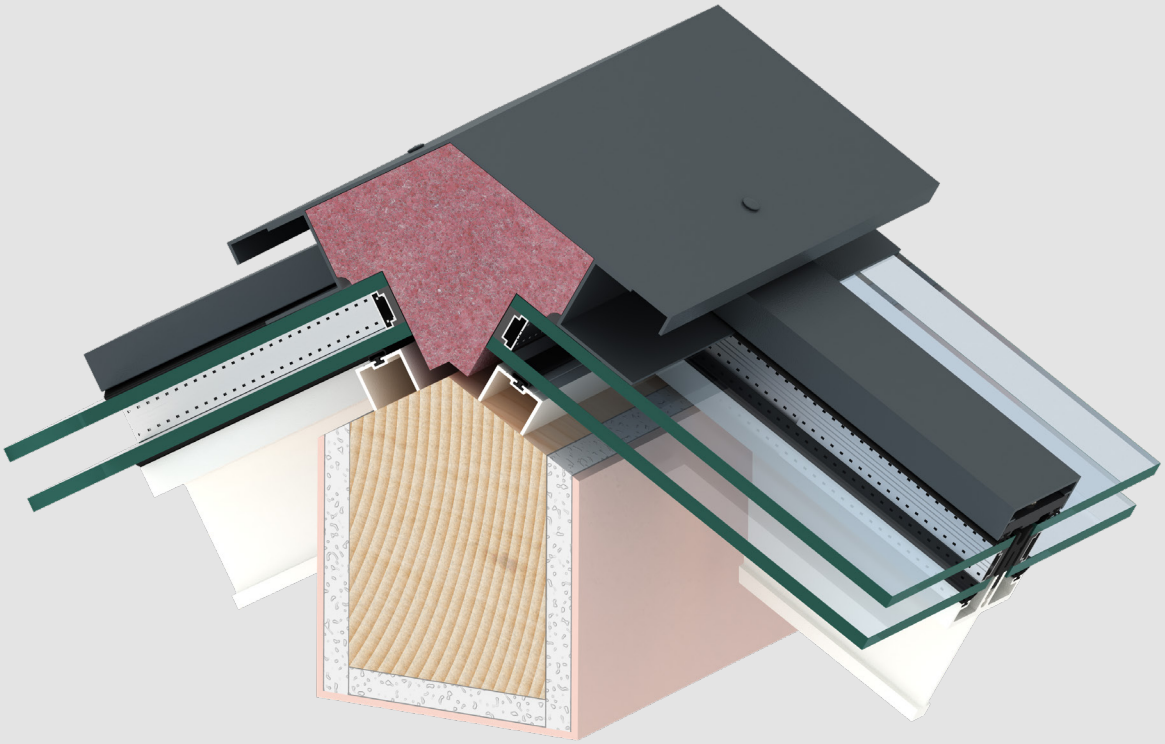
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NBS

DWG NO	SDS-NAR-TA4	**SERIES**	Skyline Double
REVISION	A	**TITLE**	Aluminium flashing to a timber ridge
SCALE	NTS	**DOWNLOAD**	www.patent-glazing.com

Standard PATENT GLAZING ESTABLISHED 1902



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NBS

DWG NO	SDS-NAI-TA9	**SERIES**	Skyline
REVISION	A	**TITLE**	JS2-section came joint
SCALE	1:2 @ A4	**DOWNLOAD**	www.patent-glazing.com

S2251

Standard PATENT GLAZING ESTABLISHED 1902

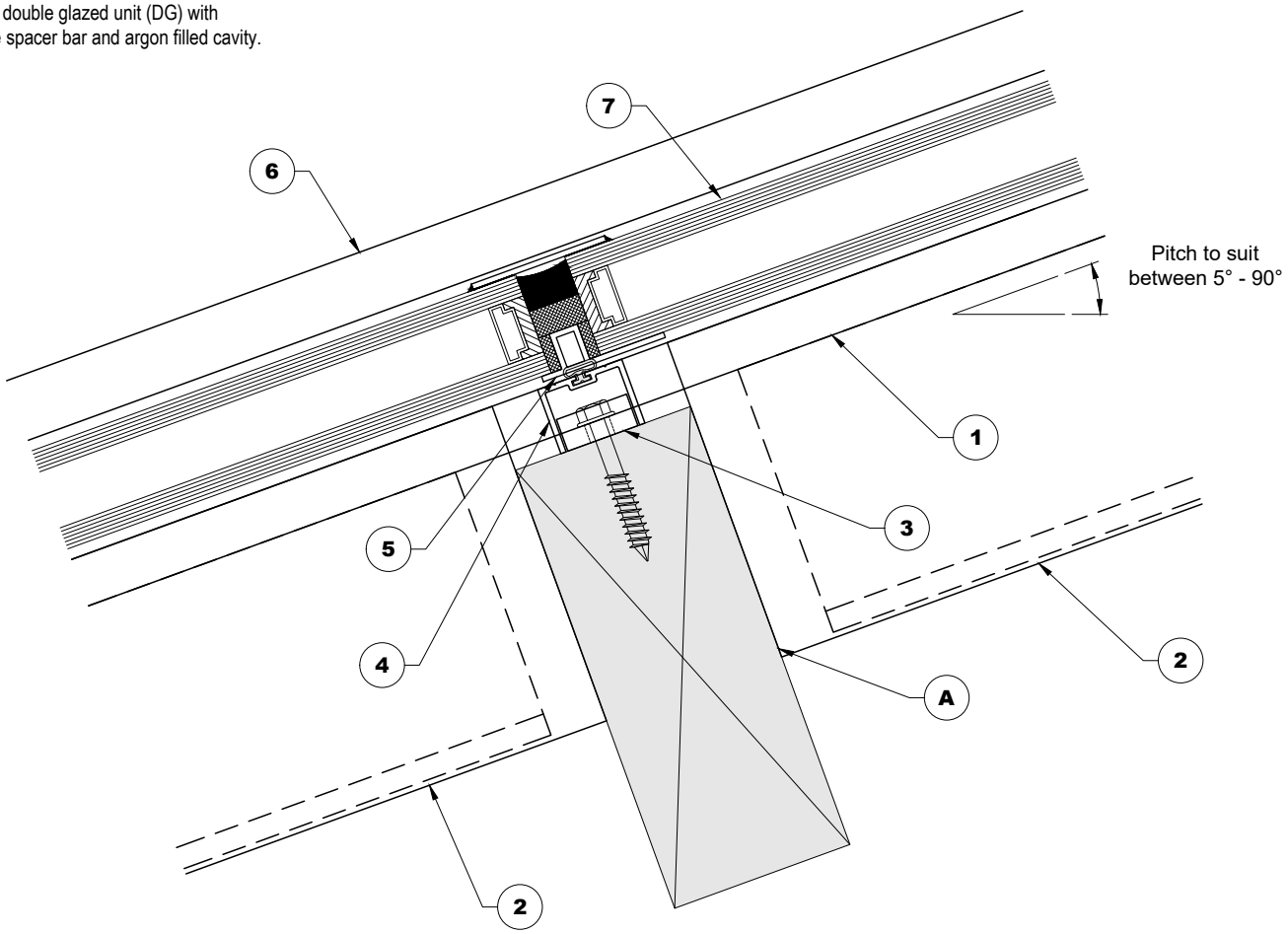
ITEMS SUPPLIED BY SPG

1. SPG3 Skyline type aluminium glazing bar.
2. PC3 Internal cosmetic cover cap cut on site to suit overall internal dimensions.
3. Glazing bar fixing plate secured to timber structure as required.
4. Aluminium weather bar with TPE bubble gasket seal running between glazing bars clipped over ear clip fixed to timber with pan head self tappers and sealed.
5. Extruded Aluminium JS2 section jointing came with silicone seal, foam seating and cover strip.
6. PC5 rigid UPVC pressure cap & PC2 aluminium cosmetic cover cap.
7. Infill 28mm double glazed unit (DG) with warm edge spacer bar and argon filled cavity.

ITEMS NOT SUPPLIED BY SPG

A. Structural timber bearer running full length of glazing.

B. Internal finishings install before glazing to allow internal cosmetic cap to be cut to length on site.



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NBS

DWG NO	SDS-NRK-TO1	**SERIES**	Skyline Double
REVISION	A	**TITLE**	Timber upstand kerb detail to a flat roof
SCALE	1:2.5 @ A4	**DOWNLOAD**	www.patent-glazing.com

S2080

Standard PATENT GLAZING ESTABLISHED 1902

ITEMS SUPPLIED BY SPG

1. SPG2 Skyline type aluminium glazing bar.
2. Glazing bar fixing plate secured to timber structure as required.
3. Aluminium weather bar with TPE bubble gasket seal running between glazing bars clipped over fixing plate.
4. 55mm wide aluminium angle glass stop fixed to foot of glazing with pan head self tappers.
5. PC5 rigid UPVC pressure cap & PC2 aluminium cosmetic cover cap.
6. Infill 28mm double glazed unit (DG) with warm edge spacer bar and argon filled cavity.
7. Eaves closure panel with JS2 section jointing came, silicone seal, foam seating and cover strip.

ITEMS NOT SUPPLIED BY SPG

A. Insulated structural timber upstand running full length of glazing.

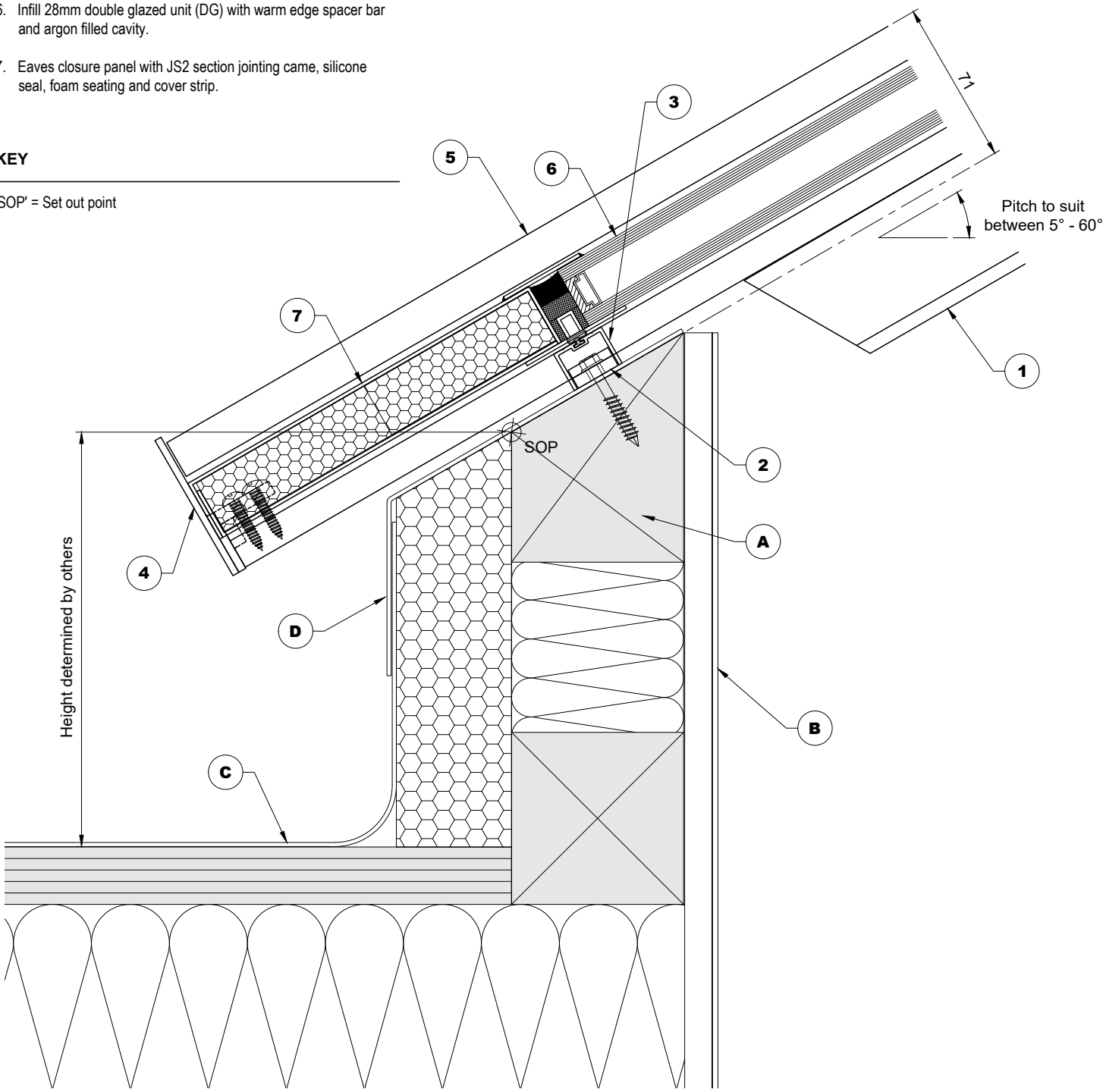
B. Internal finishings.

C. Insulated flat roof.

D. Code 4 lead kerb flashing dressed over timber upstand.

KEY

'SOP' = Set out point



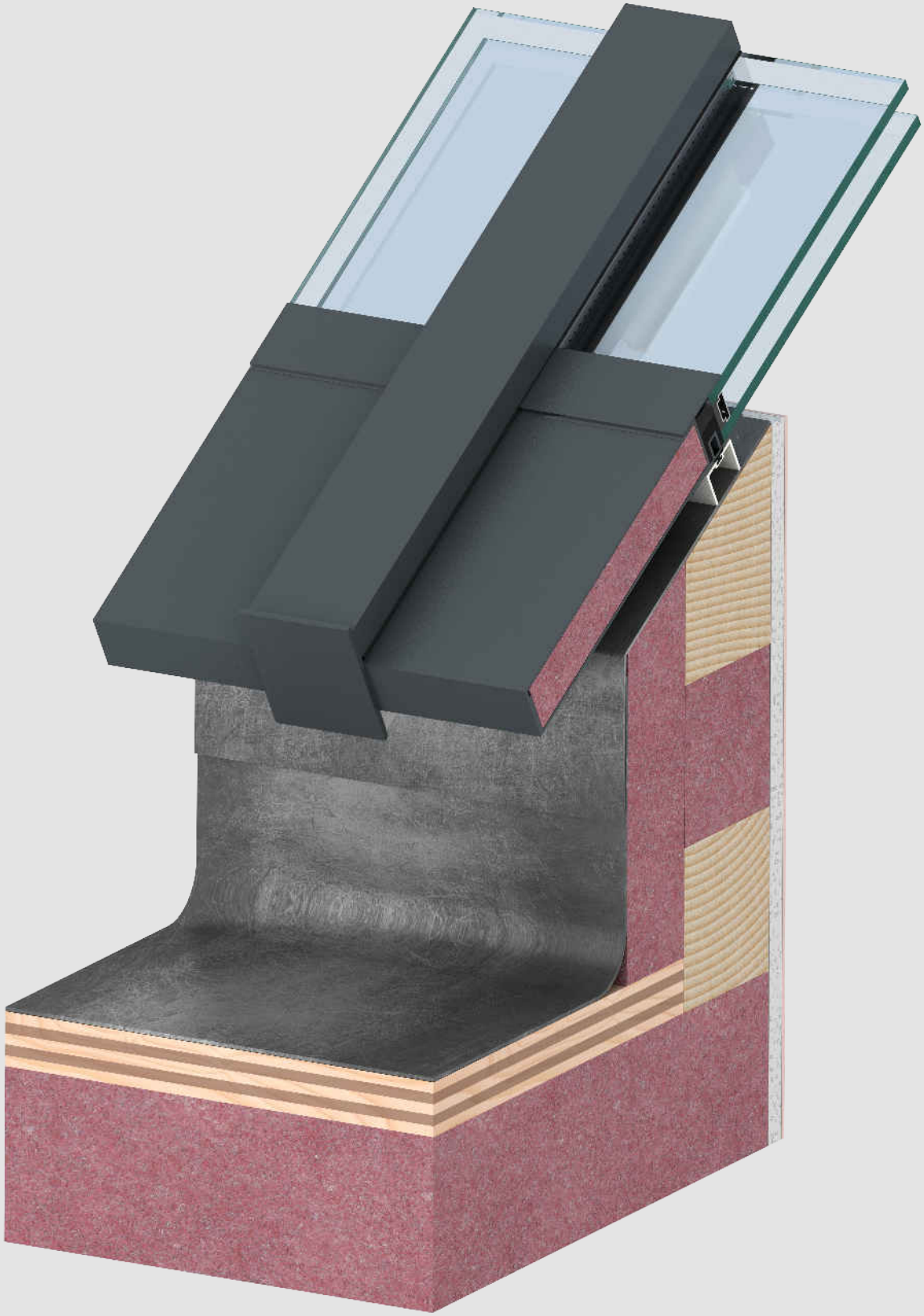
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NBS

DWG NO	SDS-NRK-TO1	**SERIES**	Skyline Double
REVISION	A	**TITLE**	Timber upstand kerb detail to a flat roof
SCALE	NTS	**DOWNLOAD**	www.patent-glazing.com

Standard PATENT GLAZING ESTABLISHED 1902



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NBS