

5511-C1-01

25th September 2018

Reading Borough Council
Planning
Level 8
Civic Centre
Reading
RG1 7AE

Submitted via the planning portal

Dear Sir/Madam

**QUEEN ANNE'S SCHOOL, HENLEY ROAD, CAVERSHAM, READING,
BERKS RG4 6DX
THE REFURBISHMENT OF THE ROOF LANTERN ON THE CAFÉ (FORMER
GYMNASIUM) INCLUDING REPLACEMENT OF THE GLAZING AND UPGRADING
OF THE ROOF INSULATION TOGETHER WITH REPLACEMENT OF THE FLAT
ROOF COVERING AND RAINWATER GOODS.**

LBC APPLICATION NO: 141768

Listed Building Consent was granted on 23rd April 2015 for the refurbishment of the roof lantern on the café (former gymnasium) including replacement of the glazing and upgrading of the roof insulation together with replacement of the flat roof covering and rainwater goods at Queen Anne's School.

A contractor began work on part of the site on the 9th January 2018 and began investigation work (partial removal of slates to the rear) on the roof to allow us to be able to produce detailed construction drawings therefore we trust it is expected that the work has begun. New development has not yet taken place on the roof.

Please find enclosed information and details to clear conditions 3 & 4.

Condition 3: Schedule of materials and samples of such materials and finishes and colours to be used for the timber framing for the lantern, its glazing and glazing bars.

We can confirm the following will be used for the proposed external building materials finishes and fenestration:

Roof Covering – Sarnafil Single Ply Membrane. Colour: Light Grey (RAL 7040)

Meridian House | 2 Russell Street | Windsor | Berkshire | SL4 1HQ
t: +44 (0)1753 857092 e: mail@edgingtons.co.uk w: www.edgingtons.co.uk

Edgington Spink + Hyne Limited is Registered in England & Wales. Company Registration Number: 8321510
Registered Office: The Mill House, Boundary Road, High Wycombe Bucks, HP10 9QN

Guttering & Rainwater Goods – Marley Alutec Traditional Moulded Ogee Aluminium Guttering. Finish: Polyester Powder Coated Aluminium. Colour: White (RAL 9010)

Fascia & Cill – Finish: Polyester Powder Coated Aluminium. Colour: White (RAL 9010)

Window System – Schuco AWS70SC. Finish: Polyester Powder Coated Aluminium. Colour: White (RAL 9010)

Glass – Clear with Applied Lead Cames

The colours proposed (in the list above) have been chosen to match the existing colours.

Please see attached data sheets for further information and images.

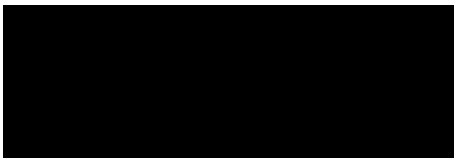
Condition 4: Details of paint or stain for lead hip rolls, flashings and trunking

Existing exterior metal trunking to be painted with an Exterior Gloss paint to match the colour of the adjacent brickwork.

We trust that the enclosed information will enable you to confirm clearance of the above Conditions.

We look forward to receiving your confirmation that the application has been registered

Yours faithfully,



Jeff Smith
for Edgington Spink & Hyne Ltd
j.smith@edgingtons.co.uk

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ALUTEC
traditional RAINWATER SYSTEMS

Product guide



Colour options

All Alutec eaves rainwater systems are available with a BS 6496 architectural grade polyester powder coat (PPC) paint finish carried out to BS EN 12206-1:2004.

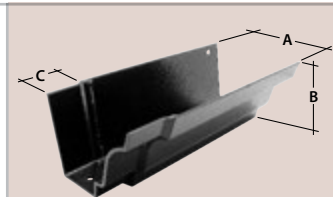
Architectural grade PPC paint finishes are designed for exterior use and maintain their colour and gloss level for longer. The paint's life expectancy is enhanced further by Alutec's choice of aluminium. Alutec only uses the highest quality marine grade aluminium, which greatly increases its durability.

Alutec has 24 standard colours, including Heritage Black, with a textured surface, emulating the appearance of cast iron. For more bespoke projects an infinite number of non standard colours are available.

CAST 98 Heritage Black	RAL 9010 White	RAL 1013 Pearl White	
	RAL 9006 Silver	RAL 9005 Black	
RAL 7035 Light Grey	RAL 7036 Platinum Grey	RAL 7037 Steel Grey	RAL 7012 Basalt Grey
RAL 7015 Slate Grey	RAL 7022 Umbra Grey	RAL 7016 Anthracite Grey	RAL 7021 Granite Grey
RAL 5010 Flower Blue	RAL 5002 Ultramarine	RAL 5003 Sapphire Blue	RAL 6002 Leaf Green
RAL 6005 Moss Green	RAL 1017 Saffron Yellow	RAL 3002 Signal Red	RAL 3003 Ruby Red
RAL 8016 Chestnut Brown	RAL 8014 Sepia Brown	RAL 8017 Chocolate	

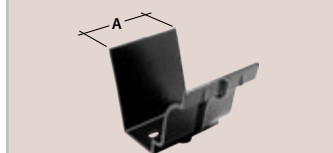
Colours are approximate and for general guidance only. For exact colour and finish reference, colour plates are available on request.

Hundreds of additional colours and finishes are available on request. For information on these and the gloss levels of the coating, please contact Alutec.



Gutter

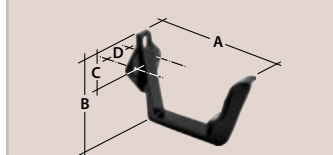
Code	Size	Nominal Length(m)	A	B	C
GM406	100	1.83	107	76	60
GM506	125	1.83	139	102	40
GM606	150	1.83	161	102	51



Union

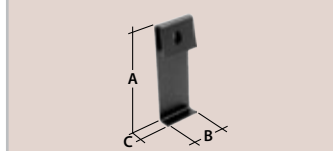
Code	Size	A
GM420	100	92
GM520	125	85
GM620	150	90

Internal



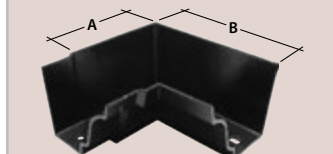
Fascia bracket

Code	Size	A	B	C	D
GM480	100	117	99	30	38
GM580	125	137	115	38	36
GM680	150	155	121	38	38



Direct fix bracket

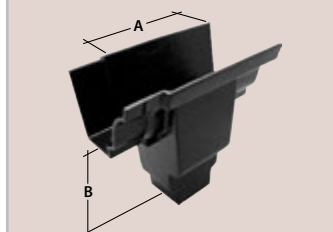
Code	Size	A	B	C
GM481	100	69	24	9
GM581	125	70	35	11
GM681	150	92	35	12



Angle

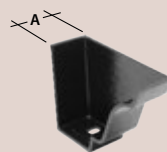
Code	Size	Angle	A	B
GM430	100	90° in.	127	183
GM431	100	90° ex.	75	19
GM435	100	135° in.	60	119
GM436	100	135° ex.	75	18
GM439	100	Non standard	—	—
GM530	125	90° in.	160	205
GM531	125	90° ex.	68	23
GM535	125	135° in.	80	135
GM536	125	135° ex.	85	27
GM539	125	Non standard	—	—
GM630	150	90° in.	183	235
GM631	150	90° ex.	77	24
GM635	150	135° in.	88	140
GM636	150	135° ex.	75	24
GM639	150	Non standard	—	—

Internal angle illustrated
in. internal ex. external



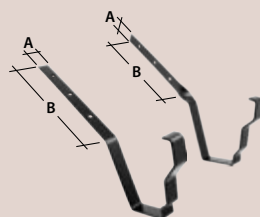
Outlet

Code	Size	Outlet	A	B	Fascia to Outlet Centre
GM422	100	63ø	192	50	50
GM423	100	76ø	192	50	64
GM425	100	72x72	192	58	41
GM426	100	102x76	192	58	41
GM522	125	63ø	190	57	55
GM523	125	76ø	190	57	55
GM524	125	102ø	190	57	72
GM525	125	72x72	190	125	65
GM526	125	102x76	190	125	65
GM527	125	102x102	190	56	72
GM622	150	63ø	190	58	52
GM623	150	76ø	190	58	67
GM624	150	102ø	190	58	87
GM625	150	72x72	190	58	42
GM626	150	102x76	190	58	46
GM627	150	102x102	190	58	46



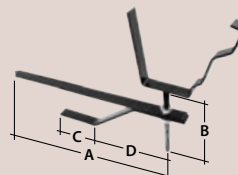
Stop end

Code	Size		A
GM450	100	Ex. left handed	47
GM455	100	In. right handed	47
GM550	125	Ex. left handed	46
GM555	125	In. right handed	46
GM650	150	In. left handed	47
GM655	150	Ex. right handed	47



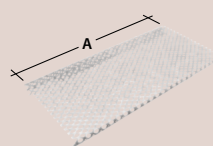
Fixed rafter arm

Code	Size		A	B
AM71	100x75	Side	20	240
AM73	125x100	Side	20	240
AM75	150x100	Side	20	240
AM74	100x75	Top	20	240
AM76	125x100	Top	20	240
AM77	150x100	Top	20	240



Rise & fall bracket

Code	Size	A	B	C	D
AM91	100	360	125	80	168
AM93	125	360	125	80	168
AM94	150	360	125	80	168



Leafguard

Code	Size	A
SL114	100x75	1220
SL115	125x100	1220
SL116	150x100	1220

Mill Finish



Installation sundries

Compatible fixing screws

Code	Description
SC201	No. 10 x 30mm - for fascia bracket
SC231	No. 12 x 50mm - for gutter direct fixing

Aluminium nuts, bolts and washers
For jointing gutters & fittings

Code	Description
SC501	M6 x 20mm aluminium bolt PPC - Pack 25
SC531	M6 Aluminium nut & washer set - pack 100

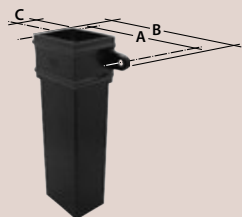
Sealant

Code	Description
SC101	310ml clear

Refer to sealant usage table, page 27.
Please note sealant shelf life is 12 months.

Traditional square and rectangular downpipes

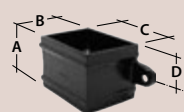
Compatible with Traditional Half Round, Victorian Ogee and Moulded Ogee (pages 11 – 14).



Downpipe

Code	Size	Nominal Length(m)	A	B	C
RSR311	72x72	1	125	151	42
RSR312	72x72	2	125	151	42
RSR313	72x72	3	125	151	42
RSR111	102x76	1	154	182	44
RSR112	102x76	2	154	182	44
RSR113	102x76	3	154	182	44
RSR411	102x102	1	154	182	56
RSR412	102x102	2	154	182	56
RSR413	102x102	3	154	182	56

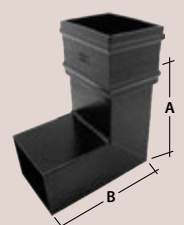
Add suffix 'N.E.' for non-eared pipes



Pipe socket

Code	Size	A	B	C	D
RSR320	72x72	80	83	83	40
RSR120	102x76	80	87	112	40
RSR420	102x102	80	112	112	40

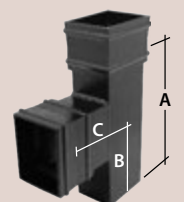
Add suffix 'N.E.' for non-eared socket



Bend

Code	Size	Angle	A	B
RSR330	72x72	92.5°	150	150
RSR332	72x72	112.5°	60	135
RSR335	72x72	135°	43	110
RSR130	102x76	92.5°	175	175
RSR132	102x76	112.5°	63	140
RSR135	102x76	135°	55	132
RSR430	102x102	92.5°	198	198
RSR432	102x102	112.5°	75	155
RSR435	102x102	135°	55	140

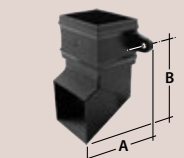
For 102x76mm state if left/right handed or front/rear projection is required



Branch

Code	Size	Angle	A	B	C
RSR340	72x72	92.5°	260	140	114
RSR342	72x72	112.5°	260	127	130
RSR345	72x72	135°	260	95	160
RSR140	102x76	92.5°	280	130	140
RSR142	102x76	112.5°	280	112	156
RSR145	102x76	135°	280	72	164
RSR440	102x102	92.5°	280	130	140
RSR442	102x102	112.5°	280	112	156
RSR445	102x102	135°	280	72	164

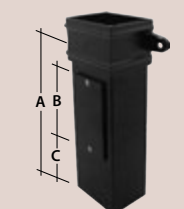
For 102x76mm state if left/right handed or front/rear projection is required



Shoe

Code	Size	Angle	A	B
RSR350	72x72	120°	96	100
RSR150	102x76	120°	108	170
RSR450	102x102	120°	132	198

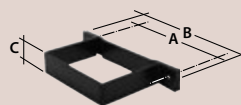
Add suffix 'N.E.' for non-eared shoe



Access pipe

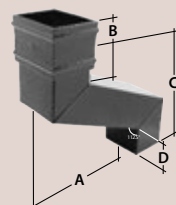
Code	Size	A	B	C
RSR360	72x72	300	140	105
RSR160	102x76	300	140	105
RSR 460	102x102	300	140	105

Add suffix 'N.E.' for non-eared access pipe



Pipe clip

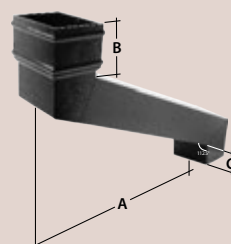
Code	Size	A	B	C
RSR380	72x72	103	128	25
RSR180	102x76	134	159	25
RSR480	102x102	134	159	25



Fixed offset

Code	Size	Angle	A	B	C	D
RSR3903	72x72	112.5°	75	80	160	60
RSR3904	72x72	112.5°	100	80	173	60
RSR3906	72x72	112.5°	150	80	193	60
RSR3909	72x72	112.5°	225	80	223	60
RSR3912	72x72	112.5°	300	80	255	60
RSR1903	102x76	112.5°	75	82	160	60
RSR1904	102x76	112.5°	100	82	175	60
RSR1906	102x76	112.5°	150	82	185	60
RSR1909	102x76	112.5°	225	82	210	60
RSR1912	102x76	112.5°	300	82	245	60
RSR4903	102x102	112.5°	75	82	180	60
RSR4904	102x102	112.5°	100	82	188	60
RSR4906	102x102	112.5°	150	82	220	60
RSR4909	102x102	112.5°	225	82	250	60
RSR4912	102x102	112.5°	300	82	258	60

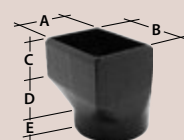
For 102x76mm state if left/right handed or front/rear projection is required



Adjustable offset

Code	Size	A min	A max	B	C
RSR3945	72x72	75	450	82	60
RSR3990	72x72	75	900	82	60
RSR1945	102x76	75	450	82	60
RSR1990	102x76	75	900	82	60
RSR4945	102x102	100	450	82	60
RSR4990	102x102	100	900	82	60

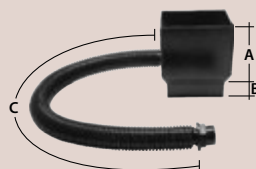
For 102x76mm state if left/right handed or front/rear projection is required



Drain connector (slip socket)

Code	Size	A	B	C	D	E
RSR370	72x72	85	85	65	41	30
RSR170	102x76	90	116	65	41	30
RSR470	102x102	115	115	65	41	30

70mm from wall to centre of 110mm drain connection. Adapts to 110mm Ø drain.



Rainwater diverter

Code	Size	A	B	C
RSRD35	72x72	98	30	500
RSRD15	102x76	98	30	500



Installation sundries

Compatible fixing screw

Code	Description
SC208	No. 12 x 70mm hexagonal - (for use with downpipe and hopper)
SC209	No. 12 x 100mm hexagonal - (for use with spacer bobbin)

Sealant

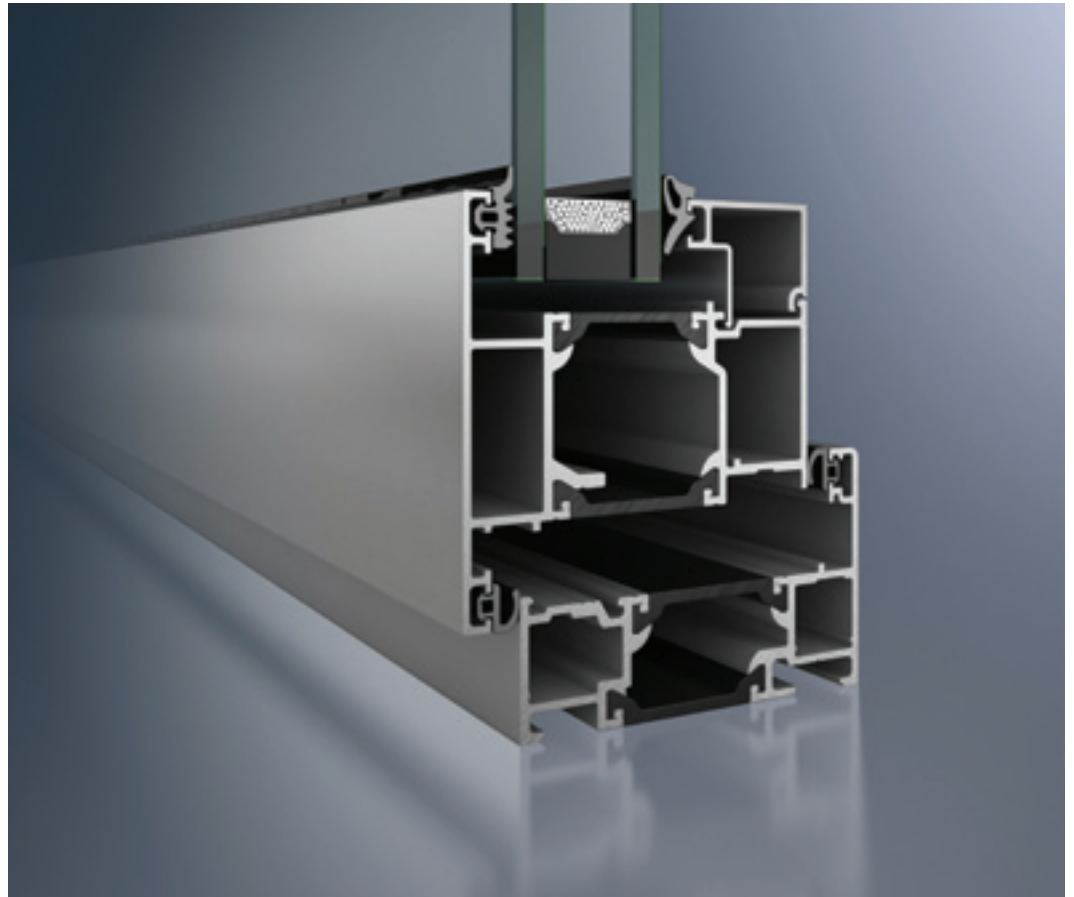
Code	Description
SC101	310ml clear

Refer to sealant usage table, page 27. Please note sealant shelf life is 12 months.



Schueco AWS 70 SC Outward Opening Window

An outward opening window, with a 70 mm outer frame depth, that is ideal for both the new-build and refurbishment markets. Economically priced, it is a versatile addition to the Schueco AWS range.



70.5 mm inside glazed vent with 28 mm glazing unit

Schueco AWS 70 SC is an outward opening aluminium window system delivering quality with economy. It represents a cost effective solution for new and replacement windows in houses and apartments, light commercial buildings, local authority properties, schools, hospitals and clinics.

While using the minimum number of profiles, the system provides a wide variety of sightlines, sizes and weights from slimline to heavy duty. It can be used for the fenestration in punched openings, ribbon windows and curtain walling.

The range

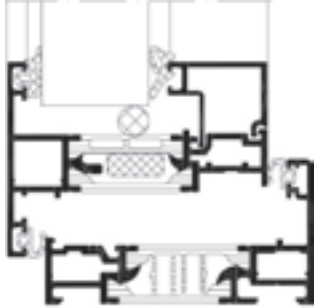
- Slimline inside glazed
- Slimline outside glazed
- Standard inside glazed
- HD inside glazed
- HD inside glazed for multi-point locking

Additional options

- 90° and variable angle, bay window connections
- Projecting sills
- Dual colour choice

Thermal insulation

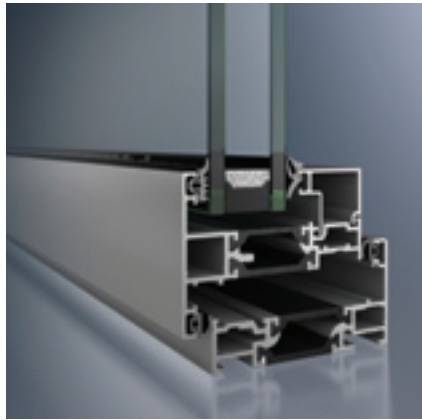
- Typical 'U' value 1.5 W/m²K with 1.0 W/m²K glazing units and polyamide (PA) insulating bars
- Compliant with Document L
- WER up to 'A' Rating with polythermide (PT) insulating bar option



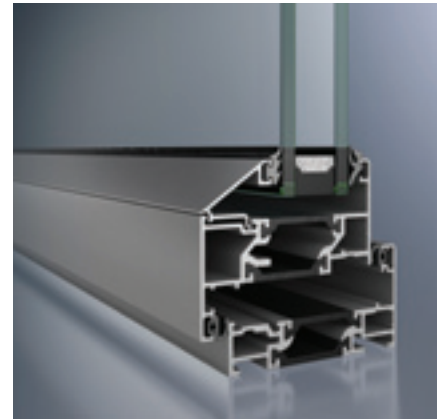
Detail illustrating polythermide insulation bars

Hardware

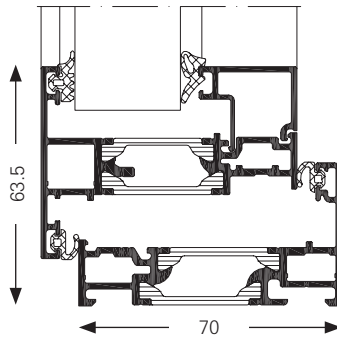
- Stainless steel friction hinges, including egress
- Heavy duty austenitic stainless steel friction hinges, including egress
- Stainless steel, reverse action mushroom espagnolettes
- 3-sided locking system for large vents
- Opening limiters



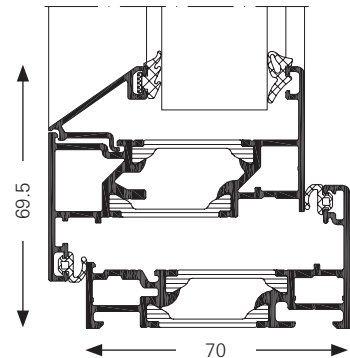
51 mm inside glazed vent



56.5 mm outside glazed vent



Scale 2:1



Scale 2:1



Product benefits

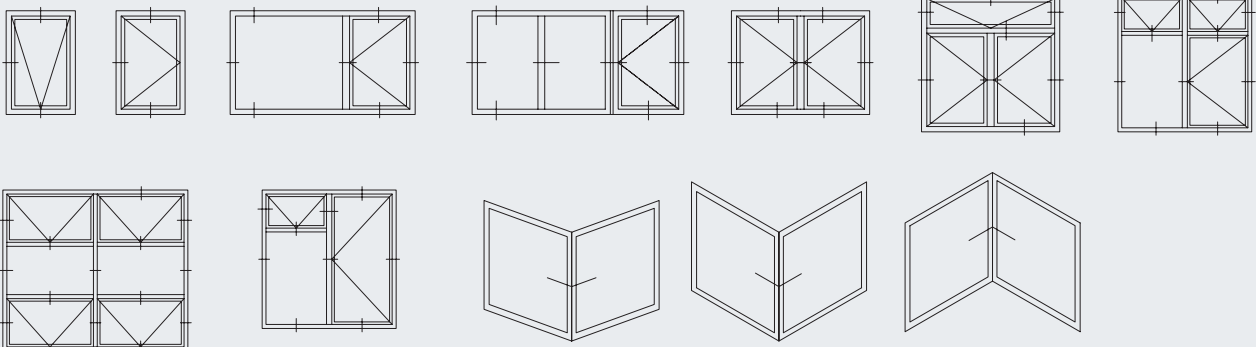
- Compact outward opening window system with Schueco 'build quality'
- Slim sightlines from 63.5 mm (outer frame/vent) for maximum daylight area
- Five vent profiles offer optimum cost/size/weight options
- Heavy duty hinge alternative for heavier glass weights and larger sizes
- Double or triple glazed units up to 34 mm thickness
- WER up to 'A', with polythermide insulating bar option, for ideal energy balance in houses and apartments
- Full range of frame couplings, bay window attachments, structural profiles and sills
- Square or chamfered glazing beads for design flexibility
- Polyester powder coat or anodised frame finishes including dual colour
- Security tested to PAS 24:2014
- Compatible with Schueco ADS 70 doors

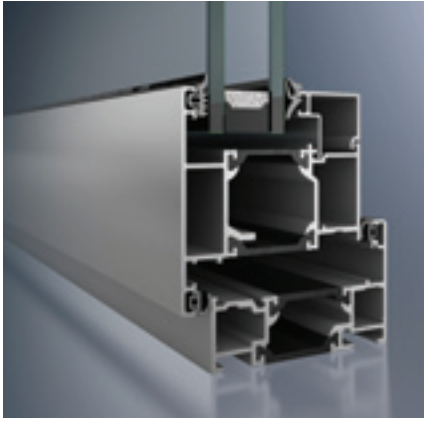


Fabrication benefits

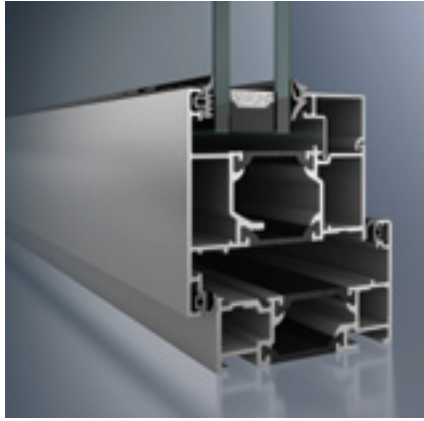
- Simple, flexible system of profiles and fittings
- Robust construction with Schueco profile corner and T-joint technology
- Choice of nailed or crimped corner fabrication
- Hardware location points ensure ease of fitting and accuracy
- Optional components for added thermal insulation
- Minimum tooling requirements

Opening types

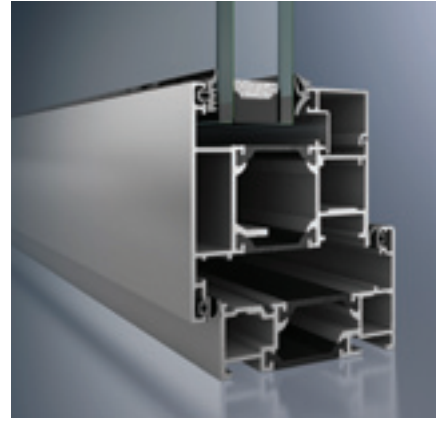




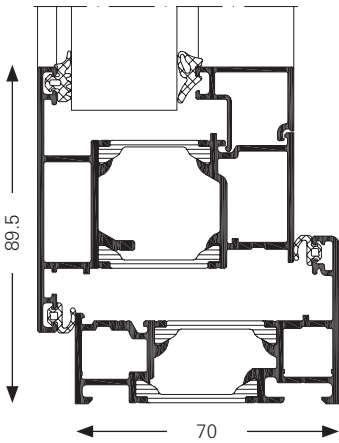
70.5 mm inside glazed vent



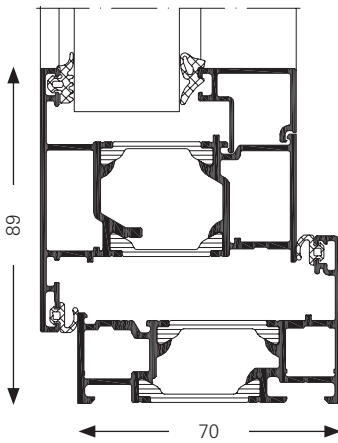
70 mm inside glazed HD vent



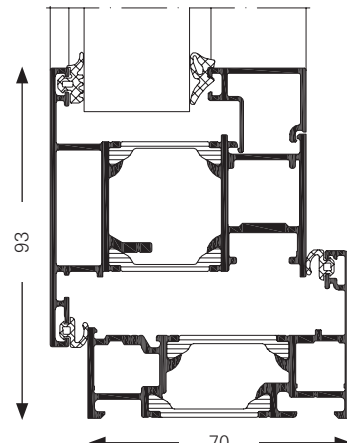
74 mm inside glazed HD vent/multi-point locking



Scale 2:1



Scale 2:1



Scale 2:1

AWS 70 SC Outward Opening Window

	51 mm Vent (Inside glazed)	56.5 mm Vent (Outside glazed)	70.5 mm Vent (Inside glazed)	70 mm HD Vent (Inside glazed)	74 mm HD Vent (Inside glazed)
Thermal Insulation					
Typical U value W/m ² K	1.5	1.5	1.6	1.6	1.6
Meets or exceeds requirements of Document L 2013	n	n	n	n	n
Fittings					
Stainless steel friction hinges incl. egress	n	n	n		
HD austenitic stainless steel friction hinges incl. egress				n	n
Twin cam stainless steel espagnolette with night vent keeps	n	n	n	n	n
Three-sided locking for high/wide vent					n
100 mm opening limiter	n	n	n	n	n
Sizes					
Minimum face width in mm (vent + frame)	63.5	69.5	83	82.5	86.5
Maximum top hung vent size (m)	1.2 x 1.0	1.4 x 1.2	1.4 x 1.2	1.4 x 1.2	1.8 x 1.8
Maximum side hung vent size (m)	0.65 x 1.2	0.7 x 1.4	0.7 x 1.4	0.7 x 1.4	0.7 x 1.6
Maximum top hung vent weight (kg)	50	50	50	100	100
Maximum side hung vent weight (kg)	30	30	30	42	42
Performance					
Air permeability (EN 12207)	3	3	4	4	4
Water tightness (EN 12208)	9A	9A	9A	9A	9A
Security					
Tested to PAS 24: 2014		yes	yes	yes	yes

U values based on window 1.2 m x 1.0 m with 1.0 W/m²K glazing and ψ 0.04





Sika Sarnafil -
PROVEN PERFORMANCE
FOR OVER 50 YEARS

Sarnafil®



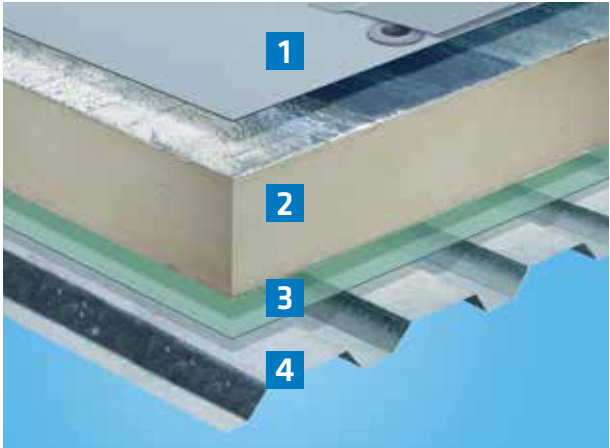
Sika Sarnafil

PRODUCT INFORMATION

Sika Sarnafil is renowned throughout the world for providing high quality, long lasting single ply roofing systems. Any system however is only as good as the components in it. Guarantees can be split by manufacturer which can vary in length and cover. Sika Sarnafil partners with the industry’s leading manufactures to provide products, that if purchased as part of the Sarnafil system can be encompassed by the Sarnafil single point, guaranteed for up to 25 years (subject to conditions).

- Furthermore these systems, subject to build up are:
- Mainly offer A+ in the specification to Green Guide
 - Tested for reaction to fire to BS476 Part 3, EN1187 and BS EN 13501-5 and can be used without restriction.
 - Help comply with building regulations and meet or surpass the requirements of all relevant standard regulations
 - Acoustic sound penetration and reverberation
 - Designs can with stand highest wind uplift in the UK

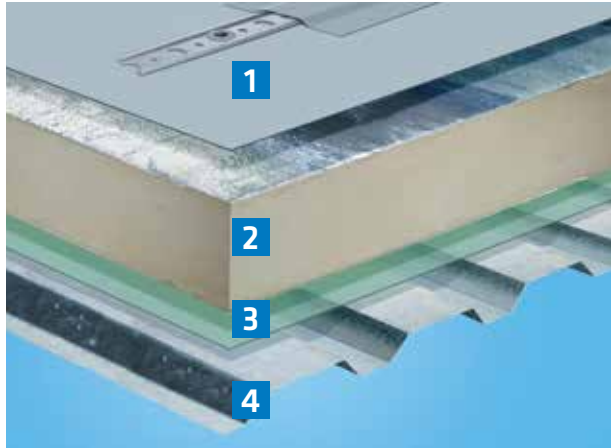
SARNAFAST MECHANICALLY FASTENED SYSTEM



The Sarnafast System offers speed, security and economy of installation in applications which provide regular fixing centres, typically profiled steel decks. Ideal for applications with the following criteria:

- Location subject to high winds
- Large roof area
- Fastrack installation requirement
- Impracticality of adhered attachment

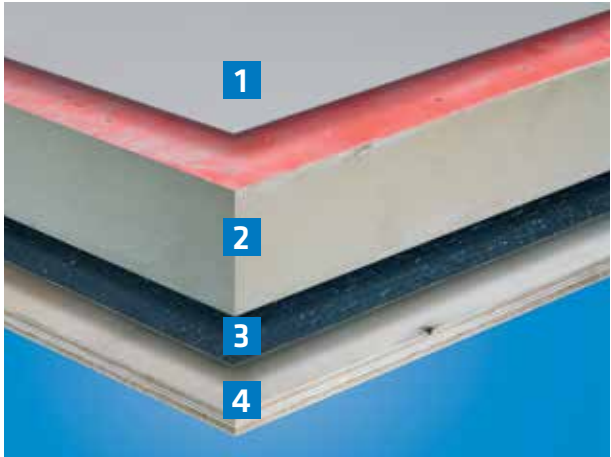
SARNABAR MECHANICALLY FASTENED SYSTEM



The Sarnabar System features linear fastening bars which are attached at right angles to the direction of the membrane. This versatile system is ideal for use when fixing points are dictated by existing timber joists or channel reinforcement, or for use on concrete roofs where the Sarnafast system is less practical. Ideal for applications with the following criteria:

- Location subject to very high winds
- Concrete Deck
- Irregular or bespoke design
- Impracticality of adhered or Sarnafast attachment

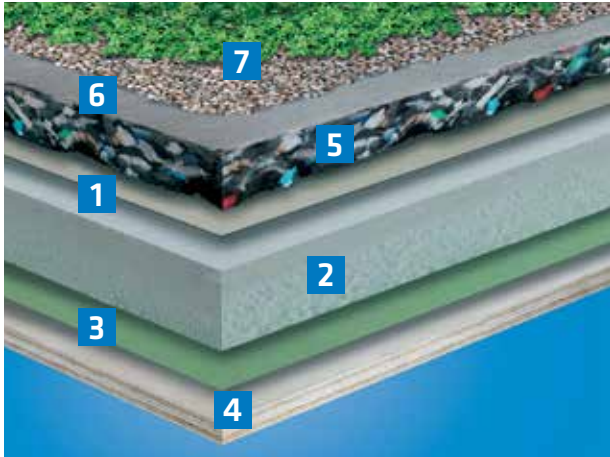
SARNAFIL ADHERED SYSTEMS



These fall into two categories. Adhered Systems, in which all elements within the roof build-up above the deck are adhered to each other; and Composite Adhered Systems in which the membrane is adhered to a thermal insulation board that is mechanically fastened to the structural deck. Suitable for applications with the following criteria:

- Superior aesthetics
- Reduced noise during installation
- Impracticality of mechanical fastening
- High humidity in building below
- Complex roof shapes

SARNAFIL BALLASTED & GREEN ROOF SYSTEMS



This broad range of roofing solutions is characterised by an additional top layer of stone ballast, pavers or a planting medium which secures the loose-laid waterproofing membrane. Ballasted/green roofs can be of either warm roof construction (shown above), or inverted construction with moisture resistant insulation. These Systems are specified for a variety of reasons, from fire requirements and acoustics, to amenity provision, aesthetics, drainage and creation of wildlife habitats

- KEY**
- 1. Sarnafil membrane
 - 2. SarnaTherm insulation
 - 3. Sarnavap vapour control layer
 - 4. Structural deck
 - 5. Suitable Protection layer and Drainage Medium
 - 6. Moisture retention fleece
 - 7. Growing medium & planting

Sika Sarnafil

PRODUCT INFORMATION

VAPOUR CONTROL LAYERS



The Vapour Control Layer (VCL) needs to effectively manage the passage of water vapour through the building envelope and comply with EN 13984 and be specified to in accordance with BS 5250: Code of Practice for Control of Condensation. Sarnavap vapour control layers can meet with both these requirements. Another separate, but very important, function of a VCL is that of an Air Leakage Barrier. By preventing the unwanted movement of air, convective energy losses can be minimised. Using Sarnavap VCLs means that this critical element is fully compatible with the system with a guaranteed performance and no split in the liability.

SARNATHERM INSULATION



The mandatory requirement for the thermal efficiency of buildings, is set out in "The Building Regulations Approved Documents" - Part L for England and Wales in Section 6 of the SBSA Technical Handbooks for Scotland.

The SarnaTherm range of Sika Sarnafil insulation encompasses uniform and tapered products suitable for use in adhered, mechanically fastened, loose laid ballasted and green roofing applications that have been tested for compatibility with other Sarnafil roofing components (critical in adhered applications). They meet a wide variety of fire resistance, acoustic and design requirements.

Sika Limited's unique Sika Sarnafil Branded Product Supply Agreements, with the industry's major thermal insulation manufacturer, ensures that specifying SarnaTherm provides the peace of mind of guaranteed product compatibility, without the risk of splitting the roofing system guarantee liability between the primary waterproofing and the thermal insulation manufacturer. Sika Sarnafil roofing membranes are very versatile and therefore ideal for almost any kind of roofing project from new extensions, to replacement or refurbishment of existing roof coverings, to bay windows and garages

SARNAFIL MEMBRANES



Sika Sarnafil PVC and FPO membranes are manufactured in Switzerland, a country renowned for quality. The production facilities are state of the art with quality control to ISO 9001 and the membranes are CE marked to BS EN 13956 : 2005. The Swiss production plants also operate OHSAS 18001 Occupational Health and Safety. The impact on the environment is managed with ISO 14001. Sika Sarnafil membranes also have independent British Board of Agrément (BBA) certification stating life expectancy 'in excess of 40 years' for PVC and 25 years for FPO. (See BBA certificate for details). Sika Sarnafil systems have factory mutual approval.

Sika Sarnafil membranes are dimensionally stable due to the reinforcement, meaning that they do not shrink or lose their shape. Sika Sarnafil membranes are UV resistant and need no chippings to protect them from the sun's UV rays. Sika Sarnafil membranes are in fact tested for UV ageing to the highest international standard for waterproofing membranes, a test which requires exposure to 5,000 hours of UV testing. While this is a tough test in itself, Sika Sarnafil membranes are tested to withstand 10,000 hours of UV exposure.

Furthermore Sika Sarnafil membranes have a unique lacquered top coating, provide better resistance to industrial/biological waste and air pollution.

Sika Sarnafil membranes are treated with a fire retardant and are self-extinguishing and are tested in common build ups for reaction to fire to BS476 Part 3, EN1187 and BS EN 13501-5 and can be used without restriction.

Sika Sarnafil membranes are vapour permeable, small amounts of moisture trapped beneath the membrane can travel through and evaporate, preventing blistering or slumping as can be common in traditional flat roofs. Sika Sarnafil membranes are cold applied and do not require the hot works -naked flames and bitumen boilers associated with other types of roofing products. Very often specifiers, clients and contractors are unaware that their insurance will not cover dangerous hot works. Also they cannot provided the extra special health and safety provisions required for works using naked flames and explosive flammable gasses.

Along with compliance with an ISO 14001 Environmental Management System, Sika Sarnafil membranes have a low environmental impact and when used in conjunction with a high performance thermal insulant can significantly improve the energy performance of a building.

Sika Sarnafil PVC membranes have been used to obtain Ecopoint profiles and BRE Green Guide ratings for membrane roofs, a rating which can be used to obtain credits towards an overall environmental rating for a building using BREEAM. Sika Sarnafil membranes come in a range of colours, thicknesses and types. Some are peel and stick self-adhered or cold bonded, ballasted or mechanically attached. Subsequently Sika Sarnafil has an extensive range of primers, adhesives, protection layers and mechanical fasteners.

CASE STUDIES



PARKWAY NEWBURY

PRODUCT: SIKA SARNAFIL SINGLE PLY G410-12ELF IN LEAD GREY

SIZE: 500M²

CASE STUDIES



LEEDS ARENA

PRODUCT: SIKA SARNAFIL S327-18EL

SIZE: 7,500M²