



## **CASE STUDY PORTFOLIO**



[www.glazingvision.co.uk](http://www.glazingvision.co.uk)

# Welcome to Glazing Vision's Case Study Portfolio



Glazing Vision Ltd was established in 1994 by the major shareholder Mr Hugh Callacher, initially set up as a Glazing Refurbishment company. Today the company is the UK's leading manufacturer of luxurious glass roof solutions.

In 2000 Glazing Vision launched a range of standard fixed, hinged and sliding glass rooflights. Glazing Vision now offers its range throughout the World to architects wishing to add more light and ventilation to award winning designs.

Our well trained in house designers and project managers assist clients to turn their dreams into reality. Using the latest in industry equipment, CAD and 3D solutions, our designers excel in creating revolutionary glass roof solutions to add a wow factor to any roof.

Our Research and Development designers and engineers are committed to an intense program of product development and improvement, bringing together ideas with intelligent design solutions, instilling the company ethos of minimal framework and maximum daylight.





It is with great pride that we here at Glazing Vision look back at some of the rooflight projects we have undertaken in this case study portfolio booklet.

There are now no less than 10,000 GV Flushglazes, 3,000 GV Visionvents and 1,000 GV Pyramids on rooftops throughout the World carrying the little Glazing Vision badge of honour. From London to Paris and Hong Kong to New York, Glazing Vision has supplied rooflights to A list celebrities and prestigious locations, alike. As well as some right here in the heart of East Anglia!

We often supply our rooflights to some of the most well respected architect practices around the World and they all choose Glazing Vision for the same reasons; our exceptional quality, our 5 star service and our performance.

Glazing Vision have manufactured bespoke solutions that have incorporated LED lighting, photovoltaic (solar power) cells, opaque to clear glass (at the touch of a button), bullet proof glass, drive-over glass, bespoke shapes and bespoke sizes, large single pane rooflights with bespoke glass specifications, okulux glass for light diffusion in museums. Glazing Vision have taken off whole roofs with our sliding rooflights, to create spaces that can be utilised in both the summer and winter months, we have opened up theatres with bespoke opening solutions and have given access to roof top gardens and natural ventilation to countless swimming pools.

We have also supplied standard rooflights in bespoke sizes to thousands of delighted customers and provided a range of stock rooflights in only 48 hours. Glazing Vision is here to help create your unique glazing solution and has well trained Specification Managers and Project Managers to bring your dreams to light.



Glazing Vision are ISO9001, ISO14001 and also CHAS registered, we are also members of the National Association of Rooflight Manufacturers

Glazing Vision also offers a CPD presentation to architects 'Glass Rooflights a Vision of the Future'





## The Royal Landscape, Savill Gardens, Windsor [www.theroyallandscape.co.uk](http://www.theroyallandscape.co.uk)



### Contractor

Verry Construction

### Architect

Glenn Howells Architects

### Dimensions

2 No. GV Sliding Over Fixed Rooflights 2815mm x 2760mm (span)  
 1 No. GV Multi-part Flushglaze Fixed Rooflight 5325mm x 2750mm  
 4 No. GV Visionvent (vent only) 1890mm x 955mm

### Overview/Brief

The Glenn Howells design for the Savill Building provided an undulating leaf-shaped roof or 'gridshell'. Combining the best in contemporary engineering with traditional craft skills, the roof is constructed from larch and clad with green oak from The Crown Estate's own sustainable Windsor Estate sources

Glazing Vision's task was to design and install rooflights which would blend with the overall natural design and provide a functional yet sympathetic product.

### Solution

The solution was to install a combination of our most popular product, the fixed GV Flushglaze, vent only GV VisionVents and our unique GV Sliding Rooflights to enable light, ventilation and a smooth, clean line within the building's nature inspired design. The result enabled light to flood into the natural space and complemented the overall aesthetics of the original design.

### Specifications

#### Glass -

6mm Toughened Outer  
 16mm Argon Filled Cavity  
 6mm Low E Toughened Inner

**Paint Finish** - Syntha Pulvin PPC X DLB053 Pewter





## Collins Theatre, Islington, London



### Contractor

Eiffel UK

### Architect

CZWG Architects LLP (Craven Property)

### Dimensions

1 No. GV Bespoke Rooflight - Central Pivoting Rotating Circular Rooflight, Diameter 3125mm. The Rooflight pivots on a central axis to 90 degrees. The unit is split into two halves with a pivot and axis detail through the centre.

### Overview/Brief

Located on a small corner site north of Islington Green, the brief was to maximise development potential in the provision of lucrative apartments and restaurant space, whilst providing space enough for a working theatre, its foyers and ancillary spaces. In addition, the proposed auditorium itself was to be the salvaged set from Oscar-winning film Shakespeare in Love. The solution was to sink the entire three storey Globe-style theatre underground, and use the roof as a public 'piazza', itself covered with a glass canopy for all-weather use by surrounding restaurants. Above this was an amphitheatre of 72 apartments. Architecturally, the post and beam structure of the Shakespearean theatre proved a useful reference for a modern interpretation in glass and concrete, which could nevertheless invoke the more poetic image of a forest glade. Client: Collins Theatre Trust

### Solution

Glazing Vision Ltd designed a bespoke 3.2m diameter circular opening and rotating rooflight allowing light and ventilation to flood the space and enhance the traditional authentic design. This was a particularly difficult design to undertake due to sizing and mechanical technicalities; however the in-house team at Glazing Vision Ltd rose to the challenge and produced a product which met the strict criteria outlined in the specification. The resulting product was both aesthetically pleasing and functional.

### Specifications

#### Glass -

Single glazed, 6+6 with 1.5mm interlayer, a toughened upper and heat-strengthened lower





## The Bridge House Pub and Restaurant Bishops Stortford

### Project Managers

Hotblack Dixon & Co

### Client

The Bridge House Pub and Restaurant

### Dimensions

1 No. GV Bi-parting sliding over fixed Ridgeglaze rooflight 4000mm x 2400mm (Return 1) x 2400mm (Return 2) (40° Pitch) supplied in three sections: 1 No. GV Fixed section 1333mm x 2400mm x 2400mm and two sliding sections, 1 No. GV Sliding over roof finishes and 1 No.

GV Sliding over fixed, finishing above a fixed section of GV Ridgeglaze 1333mm x 2400mm x 2400mm.

### Overview/Brief

This is by far Bishops Stortford's most popular night spot. This pub was tragically ruined by a fire back in 2006 but has since been beautifully restored to an exceptional standard. Patrons of The Bridge House can now relax again in the comfortable and friendly atmosphere that The Bridge House is renowned for. The installation of an upper level complete with a sliding glass rooflight gives visitors space to meet friends and enjoy a drink or two in a spacious and tastefully dressed upper bar. The rooflight can be retracted during the summer to give an outdoor space and provide plenty of natural ventilation.

### Solution

The rooflight supplied was able to bi-part, due to the unavailability to slide completely off onto the roof. One section was required to slide over a fixed section allowing maximum ventilation opening capacity. The rooflight has completely concealed motors and running gear and was fitted with a rain sensor for automatic closing in the event of rain.

### Specifications

#### Glass -

28mm DGU

6mm Grey Toughened Ritec Clearshield Coated Outer

16mm Argon Filled Cavity

6mm Clear Toughened Low E Inner





## Astoria Residence, Chamonix, France

### Architect

Richard Adams

### Dimensions

1 No. Sloped GV Sliding Over Roof Rooflight 2600mm x 2100mm sliding in the 2600mm dimension horizontally across the roof to create a 100% clear opening

### Overview/Brief

This beautiful residence, formerly a grand hotel, had recently been converted into 10 apartments in the very quaint, picturesque and sort after town of Chamonix-Mont-Blanc, located in a valley in the French Alpine region. The location offers peace and tranquility, yet is close to the lively centre and the chalet was built in the grand "Belle époque" style of architecture which Chamonix is so famous for.

The Glazing Vision roof-light was installed in a recently converted open planned penthouse apartment within the building, and the task for Glazing Vision was to ensure the aesthetics of the building were never compromised and that the resulting rooflight was pleasing to the eye but also practical and safe for the Alpine winters and heavy weather it may experience.

### Solution

The roof-light was a bespoke sliding over roof configuration and was designed and built to a specification that is capable of withstanding the unique environmental influences of the region including heavy snow and wind loads during the Alpine winters. The roof-lights drive mechanism (adapted from technology used in ocean racing yachts), and glass specification, set a new standard for Glazing Vision in how the product can open and close freely when pitched at 30+ degrees after enduring the varying affects of the seasonal climate, but also one that has a new in built anti lift mechanism to ensure the safety of the product and the local environment that it is housed in.

The placement of the roof-light directly in the main living area of the apartment, provides an exceptional view of Mont Blanc itself and offers the occupants the ability to open the rooflight and feel a connection with the mountain, in such a way that they can almost reach out and touch it.

### Specifications

#### Glass -

46.3mm Double Glazed Unit comprising:  
21.5mm Clear Toughened Heat Soaked Outer,  
14mm Black Silicone Sealed Spacer Bar,  
10.8mm Clear Laminated Low-E Inner

**Paint Finish** - RAL 7015 Slate Grey.





## Alresford Lodge

### Contractor

Allglass Ltd

### Architect

Ingleton Wood

### Dimensions

1 No GV Bespoke Sliding Over Fixed Rooflight 6405mm x 2410mm supplied in 2 sections

1 No GV Sliding Section 3202mm x 2410mm

1 No GV Fixed section of 3202mm x 2410mm sliding over fixed to create a 50% clear opening, each section of the glass was supplied in 2 sections with an aluminium angle at the join.

The rooflight was supplied with a rain sensor for automatic closing in the event of rain, proximity detection sensors to stop the rooflight closing when obstructed, remote control, solenoid bolts and building management system integration.

### Overview/Brief

Refurbishment of an existing Grade II listed farmhouse complex. The development consisted of four existing buildings with the provision of three new buildings including indoor and outdoor swimming pools, gymnasium and home cinema.

### Solution

The rooflight was installed to provide natural ventilation and daylight in the basement below housing a swimming pool and gymnasium.

### Specifications

#### Glass -

28mm Double Glazed Unit comprising:  
6mm Clear Toughened Outer,  
16mm Black Silicone Sealed Spacer Bar,  
6mm Clear Toughened soft coat Low-E Inner

**Paint Finish** - RAL 9005 Jet Black Outer & RAL9910 Hipca White Inner







## Swains Lane (The Glass House)



### Contractor

Calnan Construction

### Architect

Eldridge Smerin

### Dimensions

1 No GV Bespoke Sliding Over Roof 6700mm x 3400mm sliding in the 3400mm dimension to create a 100% clear opening.

### Overview/Brief

The site on Swains Lane is situated on the very edge of a historic Victorian cemetery. Originally occupied by an existing steel-framed house designed by the modernist John Winter, alongside a small cluster of other contemporary residences, the existing building was replaced with a modern 4 storey solution.

The design featured a concrete frame and walls complemented by the frameless structural glass allowing for unparalleled views of the cemetery. The top floor kitchen features a Glazing Vision Ltd opening rooflight to ensure maximum daylight and ventilation whilst adding to the minimalist nature of the building design.

### Solution

Glazing Vision Ltd supplied a bespoke sliding over roof glass rooflight (designed in-house) allowing the kitchen to be bathed in sunlight and air at the touch of a button. Complementing well the gadget inspired nature of the house.

The unique dimensions of the rooflight denoted that steel framework was required and glass sections were to be used to ensure the Client's "all-glass" look was maintained, glass fins were installed at the joins. This created a heavier unit and therefore specialist motors were installed to drive the rooflight open and closed.

### Specifications

#### Glass -

6mm Suncool HP Silver 50/30 toughened outer  
16mm Argon Filled Cavity  
6mm Low E toughened inner  
3 No toughened laminated glass fins

**Paint finish** – Polyester Powder Coated to RAL 7015 Slate Grey





## Balancing Barn, Suffolk



### Architect

MVRDV ([www.mvrdv.nl](http://www.mvrdv.nl))

Living Architecture ([www.living-architecture.co.uk](http://www.living-architecture.co.uk))

### Dimensions

1 No Bespoke Fixed Ridgeglaze Rooflight 2400mm x 1600mm

1 No Electrically Hinged VisionVent Solo (Vent Only) Rooflight 1570mm x 1235mm

1 No Electrically Hinged VisionVent Solo (Vent Only) Rooflight 1640mm x 1160mm

1 No Electrically Hinged VisionVent Solo (Vent Only) Rooflight 1475mm x 1300mm

1 No Bespoke Multipart Rooflight 3185mm x 1560mm

1 No External Bespoke Fixed Multipart Flushglaze (Walk-on Specification) Rooflight 2700mm x 2700mm

1 No Internal Bespoke Fixed Multipart Flushglaze (Walk-on Specification) Rooflight 2700mm x 2700mm



### Overview/Brief

The Balancing Barn in Suffolk was designed by Dutch Architects, MVRDV, for Living Architecture as a modern alternative holiday home. The concept was to promote world class architecture in rural Britain and give people the experience of staying in an architecturally designed space. This particular model houses up to 8 people with a further 4 properties to be completed.

The barn, set in stunning Suffolk countryside near the coast, strategically balances over the landscape giving way to panoramic views through it's large windows.



### Solution

Glazing Vision supplied a number of different rooflight solutions to this inspiring project from

electronically hinged GV VisionVents to bespoke Multipart GV Flushglaze Walk-on rooflights. All offering the same high quality as standard and aesthetic design allowing the surrounding environment to be viewed in unique ways.

### Specifications (selection)

#### Glass - (RL01, RL06, RL07)

Glass: 32/28mm DGU Comprising of -  
Outer: 6mm Clear Toughened Outer  
Toughened Laminated

Spacer: 16/20mm Argon filled cavity

Inner: 6mm Clear Low E Toughened

#### Glass - (External Walk-On)

Glass: 43.5mm DGU Comprising of -  
Outer: 21.5mm Clear Heat Soaked

Spacer: 16mm Argon filled cavity

Inner: 6mm Clear Low E Toughened

### Paint Finish - White Aluminium RAL9006





## Tuddenham Mill & Oundle Mill

### Contractors

Chalcroft Construction Ltd (Tuddenham Mill)  
E Bowman and Sons Ltd (Oundle Mill)

### Dimensions

1 No. GV Fixed Flushglaze (Walk on Specification) Rooflight 2000mm x 770mm (overall weathered upstand dimensions). (Tuddenham Mill)  
2 No. GV Fixed Flushglaze (Walk on Specification) Rooflights 750mm x 600mm (overall weathered upstand dimensions). (Tuddenham Mill)  
1 No. Internal GV Walk-On Rooflight 2680mm x 2680mm in 3 sections with aluminium back to back angles.(Oundle Mill)

### Overview/Brief

The meticulous renovations of these mills has involved a team of architects, engineers and craftsmen working closely with planners and conservation officers to ensure that the mills are re-invigorated for the twenty first century without losing any of their historical integrity. Modern design sits hand in hand with original features which ensure their pasts are not forgotten. There are glimpses of history throughout the Mills, from the exposed beams in the spacious bedrooms, through to the cast iron water wheels.

The client wanted to incorporate glass flooring so that visitors could get a real feel for the workings of the mills by allowing people to stand on water and look down and view the impressive grinders and wheels.

### Solution

Glazing Vision supplied an external & internal walk on rooflights, one to act as a bridge for visitors to be able to look down into the river. The internal walk on rooflights in the restaurant allow visitors to see right through the building and look down at the workings of the mill. At Oundle a multipart walk on flushglaze is situated in the reception area (main picture).

### Specifications

#### Glass -

43.5mm DGU Comprising Of:  
21.5mm Clear Toughened/Laminated Outer  
16mm Argon Filled Cavity  
6mm Clear Toughened Low E Inner

**Paint Finish** - RAL 7015 (Grey) outer only (Tuddenham Mill)  
RAL9017 - Traffic Black (Oundle Mill)





## Duxford Mill (Private Residence)

### Architect

Project 5 Architecture

### Dimensions

1 No. GV Bespoke Bi Parting Sliding Over Fixed Rooflight 12220mm x 2565mm supplied in 6 sections of 4 No Fixed Sections 2036mm x 2565mm and 2 No Sliding Sections 2036mm x 2565mm Sliding over Fixed to create a 33% opening

5 No GV Standard Fixed Flushglaze Rooflights 3190mm x 690mm (4 with Ruby Red Interlayer)

### Overview/Brief

The task was to find a rooflight which could be placed over a newly built gym, swimming pool and sauna. The rooflight was required to open for natural ventilation and to create a clear sky effect.

### Solution

A bespoke bi parting sliding over fixed rooflight made up of 6 sections was designed to allow for 33% opening and to allow ventilation and sunlight to stream through into the pool area.

Ruby red interlaying around the GV Flushglaze rooflight was added for decorative effect in the room below.

### Specifications

#### Glass -

Glass: 28mm DGU Comprising of -  
Spec: Outer: 6mm Clear Toughened Outer  
Spacer: 14mm Black Silicone Sealed Spacer  
Inner: 8.8mm Laminated Soft Coat Low E with Saflex Vanceva 0005 Ruby Red Interlayer

**Paint Finish** - All Grey RAL7015 outer/ RAL9010 inner





## South Bank University, London - K2 Building

### Architect

Lakehouse ([www.lakehouse.uk.com](http://www.lakehouse.uk.com))

### Dimensions

1 No GV Flushglaze walk-on specification (6949mmx1033mm supplied in 4 sections of 1737mmx1033mm with aluminium back to back angles at the join with wall abutment detail on 1 No 6949mm dimension.

### Overview/Brief

This philosophy began with early decisions during concept design, when commitment to a low carbon building and use of newly emerging technology was encouraged by an enlightened and supportive client.

CEREB and the new K2 building host many different forms of renewable energy efficient technologies. All of these are working to provide the services to the centre and 8,500m<sup>2</sup> building below.

- Solar Fibre Optics
- Ground Source Heat Pump
- Solar Hot Water
- Photovoltaic's ( integrated into the GV Flushglaze)
- Wind Turbines

The project total, worth £1.2m, included the use of Glazing Vision's signature GV Flushglaze rooflight with an integrated PV cell component in order to generate electricity and enable a more eco-friendly building.

### Solution

Glazing Vision supplied a number of GV Flushglaze rooflights with the added benefit of PV Cells. The PV Cells are an optional extra available on the GV Flushglaze, GV Sliding over Fixed and GV Box Rooflight ranges. The benefit of PV Cells integrated into GV Rooflights is they act as solar panels to generate power which can be fed back into a building's energy supply. Thus encouraging sustainable energy, saving money on utility bills and helping the environment. Every order for integrated PV cells is bespoke and Glazing Vision are experts in designing rooflights which are not only aesthetically pleasing but also dual purpose.

### Specifications

#### Glass - (Walk-On)

Glass: 43.5mm DGU Comprising of -

Outer: 21.5mm Clear Heat Soaked Toughened Laminated incorporating 1.5mm PV Cells

Spacer: 16mm Argon filled cavity

Inner: 6mm Clear Low E Toughened

**Paint Finish** - Grey Aluminium RAL 7010





## **New House Park (Private Residence)**

### **Contractor**

J T Carpentry and Home Renovation

### **Architect**

Brunskill Design Architects

### **Overview/Brief**

This extension is to a north facing house and the architects were keen to bring in as much natural light as possible and aimed to blur the boundaries between internal space and the outside where there is a large decked area. It was thought that a square ended rooflight light would not look as minimal from the inside as a trapezoidal one. The clients were delighted with the end result and the room feels full of light and space.

### **Solution**

1 No. Fixed Flushglaze Rooflight 9000mm x 7500mm x 1000mm Supplied in Three Sections with Glass to Glass Silicone Seals at the Joins (Overall weathered upstand dimensions) (Recommended minimum three degree pitch)

### **Specifications**

#### **Glass -**

Glass: 28mm DGU Comprising of  
Outer: 6mm Clear Toughened Outer  
Spacer: 16mm Argon filled spacer  
Inner: 6mm Clear Low E Toughened Inner.

**Paint Finish** – RAL7015 Grey Outer only





## Portland Road, London

### Architect

Michael Lockhart-Smith

### Dimensions

1No GV Box Rooflight - 3025mm x 1435mm x 950mm

### Overview/Brief

A rooflight was required for terraced access to the property. The main constraint was to fall within the surrounding parapet so the rooflight was not seen from below.

### Solution

Glazing Vision supplied a GV Box Rooflight which is ideal for terraced access as it offers a physical structure allowing the stair bannister to run to the top of the staircase. The GV Box rooflight also incorporates our minimal framework philosophy.

Glazing Vision use the latest technology to bond the glass into the aluminium powder coated frame, and silicone seal and join the glass at the edges and eaves join.

The rooflight also includes a proximity detection sensor so that if the infra red beam is broken the rooflight will automatically stop closing.

### Specifications

#### Glass -

Glass: 28mm DGU Comprising of -  
Outer: 6mm Clear Toughened Outer  
Spacer: 16mm Argon filled cavity  
Inner: 6mm Laminated Soft Coat Low E

**Paint Finish** - Grey Aluminium RAL7015 outer, White RAL9010 Inner





## Kings Lynn Complex Needs School, Norfolk

### Contractor

Mansells Construction Services on behalf of Norfolk County Council

### Dimensions

27 No. Fixed Flushglaze Rooflights 1000mm x 1000mm  
1 No. Fixed Flushglaze Rooflight 1700mm x 1700mm  
19 No. Fixed Flushglaze Rooflights 1000mm x 1000mm  
1 No. Fixed Flushglaze Rooflight 1500mm x 1000mm

### Overview/Brief

Kings Lynn Complex Needs school is the amalgamation of two existing schools designed to cater for the needs of approximately 150 children and act as a resource base for other institutions.

The project was estimated at £9m and was completed in 2010.

### Solution

Glazing Vision supplied a number of GV Flushglaze rooflights for the project which will act as a source of natural daylight and provide a modern and clean aesthetic finish to the building.

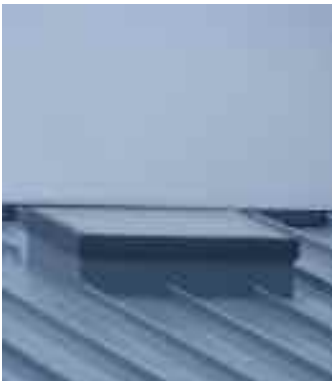
The GV Flushglaze boasts the minimal framework, maximum daylight philosophy utilised on all Glazing Vision rooflights, thus ensuring that the product is both functional and well designed.

### Specifications

#### Glass -

Glass: 28mm DGU Comprising of -  
Outer: 6mm Clear Toughened Outer  
Spacer: 16mm Argon Filled Cavity  
Inner: 6mm Clear Low E Toughened

**Paint Finish** - RAL 7015 Grey Outer Only







## Adnams Cellar & Kitchen Store, Southwold, Suffolk

### Contractor

Blackburn's Construction

### Dimensions

1 No Fixed Flushglaze Rooflight 12200mm x 2260mm supplied in 10 sections with 4 No Integrated Electrically Hinged VisionVent (vent only) Rooflights 1200mm x 2255mm hinged on the 1200mm dimension with aluminium back to back angles at the joins

### Overview/Brief

Adnams Celler and Kitchen Store is an ambitious new build project in the centre of Southwold offering a host of food and kitchenware items. The design focuses on an environmental approach using natural daylight and ventilation, sheep's wool insulation and a rainwater recycling system.

### Solution

Glazing Vision supplied a number of GV Flushglaze and GV Integrated electrically hinged VisionVent rooflights to the project.

The row of GV Flushglaze rooflights was interspersed with 4 electrically hinged GV VisionVenst allowing natural daylight to flood into the new store and cafe and the option to remotely open the hinged VisionVent for natural ventilation.

Both products work harmoniously together to create a complimentary aesthetic and functional product.

The rooflights also featured aluminium back to back angles at the joins to allow for a large area to be installed with the products maintaining the maximum daylight, minimum framework philosophy of Glazing Vision.

### Specifications

#### Glass -

Glass: 28/32mm DGU Comprising of -  
Outer: 6mm Coolite SKN174 Neutral Toughened Outer  
Spacer: 16/20mm Argon Filled Cavity  
Inner: 6mm Clear Low E Toughened

**Paint Finish** - RAL9006 Silver Inner & Outer





## Hawthorns School, Surrey

### Contractor

Speller Metcalfe Malven Ltd

### Architect

Squires and Brown

### Overview/Brief

The Hawthorns is a thriving co-educational prep school with 530 pupils aged between 2 and 13. Located within 30 acres of wonderful landscaped grounds in the heart of Surrey, the main school includes a Grade II listed, 16th Century Jacobean Manor House.

### Solution

2 No. Multipart Flushglaze Rooflights with aluminium back to back angles  
The first rooflight - 1 No. 6822mm x 3000mm in 5 sections (wall abutted on 2 sides) had to be designed from scratch due to the split of the sections being uneven.  
The second rooflight - 1 No. 5995mm x 4000mm in 7 sections, also had to be designed due to non standard details being required.

### Specifications

Glass -  
6mm Toughened Outer  
16mm Air Filled Cavity  
6mm Low E Toughened Inner

**Paint Finish** – Polyester Powder Coated to RAL7015 grey inner & outer

Ritec easy clean coating was applied to both rooflights





## Marshalswick Lane

### Contractor

Loop Construction Services Ltd

### Architect

Brunskill Design Architects

### Overview/Brief

This home renovation is within a conservation area, therefore certain planning conditions had to be adhered to with regard to external finishes. The Rooflight was required to bring natural daylight into the living space below.

This home extension and associated external works involved a simple additional space facing directly south, within a long garden. Excessive solar gain and heat gain were potential issues, so the size of rooflight is relatively small compared to the roof. There are also many windows and doors including large sliding folding door, to allow for a variety of ventilation arrangements. A modern rooflight product was sought, in order to have a clean modern appearance to a large opening, whilst keeping a pitch to the glazing, to avoid too much cleaning being necessary. It was important to maintain a view from upstairs windows, therefore the rooflight was not allowed to be too high. A tidy appearance to the features on the roof was also something the clients and architects were keen to achieve. It sits on a lead faced upstand constructed of timber and plywood.

### Solution

1 No Bespoke Fixed Ridgeglaze Rooflight 3900mm x 1010mm (return 1) x 1010mm (return 2), on a 20 degree pitch, each return split into 2 equal sections with aluminium back to back angles at the join.

### Specifications

#### Glass -

6mm Coolite SKN174 Neutral Toughened Outer  
16mm Air Filled Cavity  
6mm Low E Toughened Inner

Paint Finish – Polyester Powder Coated to RAL7015 grey inner & outer





For more information please call 0333 8000 881

or visit our website  
[www.glazingvision.co.uk](http://www.glazingvision.co.uk)  
[sales@glazingvision.co.uk](mailto:sales@glazingvision.co.uk)



Manufactured in the UK

