

A Total Solution For Commercial Glazing



Specialist Commercial Solutions



SERVICES

Refurbishment Projects

Glazing Refurbishment Ltd specialises in the planning and delivery of refurbishment projects for the Commercial sector. The scale of projects we conduct vary greatly ranging from small projects to five year phased regeneration projects.

The scope of works we conduct on these sites are varied with clients requesting full refurbishment of system components to include the existing glazing, gasketry, pressure plates, capping details, weather seals and associated components.

We refurbish a variety of glazed structures such as curtain walling, atria, canopies, windows and glass roofs.



Glass Replacements

Glass Replacements are one of the core services that Glazing Refurbishment offer to our clients. No matter the quantity or size, our Project Team and Site Managers are able to formulate a safe method of works to conduct replacements.

The scope of projects range from glass changes to domestic rooflights to full scale replacement on large overhead shopping centres. Such a diverse history of operations conducted means that the GR Site team are trained in a variety of different access methods to ensure that site specific needs are met.



Leak Rectification

When a report of a leak from a glazing system is received at the GR office, we are able to mobilise our Leak Rectification Team to site to conduct repairs.

Our leak rectification process involves an initial inspection of the glazing system and water test to find the cause of water ingress. Once identified our team will conduct the required remedial repairs to eliminate the water ingress before offering the client an optional guarantee on works.



Seal Service

A glazing systems' weather seals have varying lifespans dependant on maintenance and it is often the case that whole systems are renewed at one time. It is more likely that when seals near the end of their lifespan then water ingress occurs.

Glazing Refurbishment are able to offer our clients tailor made overhaul programmes to remove and replace all existing weather seals in order to renew glazing systems. We are also able to offer clients peace of mind in the form of guarantees against future water ingress and maintenance schedules to prolong the lifespan.



SERVICES

Glazing Dilapidation/H+S Reports

We offer our clients our expertise to conduct an inspection and report into their onsite glazing. This will include the checking of all glazing, fixings and structural supports, butt seals, perimeter flashing details, gasketry, silicone and associated building interfaces.

The written report would then include a quantification of any of the above named components which are deemed unsound and breakdown of any faults. Any Health & Safety risk posed by these would also be assessed and priced remedial proposals outlined.



Emergency Make-Safe

When a defect to glazing causes a Health and Safety hazard it is recommended that the defective glass is made safe as soon as possible to prevent injury.

At Glazing Refurbishment, we are able to instruct our teams to conduct emergency make-safe operations to glazing at all locations including overhead structures and at height.



Rope Access

As building designs increase in height and size it is often the case that new access solutions are required to conduct glazing repairs.

Our IRATA trained Rope Access Division are able to conduct and assist in a variety of different glazing projects to include inspections, glass replacements, leak repair and many more.



Glazing Design + Build

Cambs Glass was set up by the owners of Glazing Refurbishment to complement our existing services by offering an in-house glazed unit fabrication service and new build glazing systems.

Services include – skylights and rooflights, curtain walling, canopies, walk-on glass, balustrade and many more.



Project: Virgin Holidays Refurbishment Operation



Project Name : The Galleria, Crawley

Value : £175,000 - £200,000

Duration : July 2015 – August 2015

Status : Sub-Contractor

Key Points : Removal of Roof vents and replacement with DGU's
Replacement of gasketry to 600+ windows

Glazing Refurbishment were tasked with undertaking the refurbishment of the Virgin Holidays Southern Headquarters to upgrade their existing glazing system.

Our London based Commercial Division commenced with the removal, sourcing and replacement of the existing system gasketry to over 600 windows on site to eliminate multiple instances of water ingress.

As part of our works we also commenced with the removal of multiple vents from the overhead atrium. Once dismantled, our operatives conducted modifications to the existing system to allow for the installation of new double glazed units.

Project: Farnborough Airport Specialist Access Glass Replacement



Project Name : Farnborough Airport

Value : £15,000-£20,000

Duration : 1 no week

Status : Main Contractor

Key Points : Multiple Glass Replacements on High Security Site
Specialist crane with manipulator head utilised
MEWP required for access to glazing face

Glazing Refurbishment completed multiple glass replacements for the UK's Premier Dedicated Business Aviation Airport. Due to the sites high security nature, the operation was planned months in advance to meet the strict programme for access.

In order to overcome a site with difficult access issues, our Specialist Access division utilised a specialist crane with manipulator attachment in order to facilitate the removal and replacement of the existing defective units.

In order to protect the works area, our team utilised custom truck mats and boarding in order to limit contact between our machinery and surrounding vegetation.

Project: Imperial War Museum Large Refurbishment Works



Project Name : Duxford Imperial War Museum

Value : £750,000.00+

Duration : 2015

Status : Contractor

Key Points : Inspection & Report of Glazing System
Removal of existing Curtain Walling
Replacement of defective glazed panels
Reinstallation of existing Curtain Walling



Duxford Imperial War Museum required a specialist contractor to undertake works on the Sir Norman Foster designed American Air Museum Hangar. Working alongside a Principle Contractor, Glazing Refurbishment were instructed to conduct the removal, repair and reinstatement of the existing curtain wall system.

The size and scale of the project required specialist planning with the glazed panels, weighing over half a tonne each, requiring removal from the existing structure and transporting for storage. To enable works, the Projects Team sourced a variety of specialist access machinery to include cranes and MEWPS to assist with the removal of the large glazed panels and steel mullion/transom details.

Project: Great Sutton Street Large Refurbishment Works



Project Name : Great Sutton Street

Value : £500,000 -£750,000

Duration : 2013-14

Status : Main Contractor

Key Points : Replacement of 244no DGUs and refurbishment of Mansard Glazing
Entrance Package - Design and Build
Glazing Remedial Works to Mansard Sloped/Vertical Glazing
Installation of Solar Control Film to 244no DGU's



The full mansard refurbishment of Europe's largest flagship data centre building encompassed the complete glazing upgrade at high level of the buildings' Mansard glazing.

An impressive performance from the GR team led to further instruction from the client including - full replacement of all glass using high performance bronze DGU's, external and internal film application to include safety and solar film installations, replacement of multiple glazing components to ensure structure was fully sealed, numerous weather flashing replacements throughout the building and a full upgrade of vertical glazing to include external caps and seal replacement.

Project: Spires Shopping Centre Refurbishment Project



Project Name : Spires Shopping Centre

Value : £100,000 - £125,000

Duration : September - October 2014

Status : Sub-Contractor

Key Points : Full Glass Roof Replacement/
Refurbishment Program
Removal and Replacement of Vents
Internal/External Clean

Spires Shopping Centre required a full refurbishment of the existing glazed mall/atrium. This large scale operation involved the complete removal and disposal of the existing glass units and system components.

The project was conducted solely at height so a wide array of access equipment was utilised both internally and externally during the works and this was key when installing the new glazed units and replacement components.

In order to meet a tight deadline, we utilised both day and night teams to ensure the works were completed to the client's pre-determined schedule.

Project: Kennett Shopping Centre Refurbishment Project – Phased



Project Name : Kennett Shopping Centre (Savills)

Value : £ 75,000 - £100,000

Duration : March – June 2015

Status : Main Contractor

Key Points : Phase 1 of 4 Year Refurbishment Program
Complete refurbishment to Rooflight
Replacement of 59no defective panels
Specialist Access Machines required

Working for Savills UK, Glazing Refurbishment submitted a phased refurbishment program for Kennett Shopping Centre to refresh the existing glazing systems and return them to a serviceable standard. The Centre has suffered from a lack of maintenance which had resulted in a number of defective panels and numerous leaks throughout.

We commenced works with the complete overhaul of a section of overhead glazing. This included the upgrade and replacement of all the existing glazing located within the structure as well as the provision of new gasketry, fixings and weather seals. Upon completion, we completed a client witnessed water test to show water ingress issues had been eliminated and a five year guarantee issued as standard against future water ingress.

Project: Glassbox Specialist Glass Change



Project Name : Glassbox

Value : £15,000- £25,000

Duration : 2015

Status : Contractor

Key Points : High Level Glass Change
Rope Access Required
Unique site floating on the river Thames
specialist PPE required
Mobile Tower crane required

A prime office location floating within the Isle of Dogs required a specialist contractor to conduct overhead glass replacement and to conduct overhead glass replacements.

The unique location of the office led the team to utilise a mobile tower crane in order to assist with the removal of defective units and to manoeuvre the replacement DGU into the aperture.

A number of additional safety measures were required to conduct works on site including secondary safety straps, two way radios, ropes/harnesses as well as water buoyancy aids when the team were working near the building edges.

Project: Brompton Place Specialist Operation



Project Name : Brompton Place

Value : £20,000 - £25,000

Duration : July 2015

Status : Main Contractor

Key Points : Removal of high-specification conservatory
Specialist lifting equipment required
Transportation to storage facility
Recording of removed components

A leading London Architect with a bespoke glazed conservatory that needed removal for building works contacted the GR team for assistance after being recommended by the GGF - to undertake the project.

Limited space at the rear of this Central London property meant careful planning and execution was required in order to move the oversized glazed panels weighing as much as 250kg.

Utilising a specialist spider crane, the site team were able to conduct the dismantling of the conservatory step by step. Upon removal, each panel was safely transported to the clients' storage facility and the GR team will be returning in 2016 to reassemble.

Project: Kvaerner Building High Level Glass Replacement



Project Name : Kvaerner Building

Value : £10,000-£15,000

Duration : February 2015

Status : Main Contractor

Key Points : Replacement of curtain walling glazing
Rope Access Required
Procurement of glazing from European Manufacturer
Crane required with specialist suction lifting equipment



A Glazing Refurbishment client of many years, this Hammersmith Headquarters of one of London's most famous brands has instructed us to conduct a variety of glass changes to their premises.

A site with difficult access, the GR team mobilise on site using a combination of city cranes, rope access and the on-site cradle system to provide safe methods of work when conducting required glass replacements.

The rare specification of glass is sourced from a European plant and our logistics team ensured the delivery coincided with our mobilisation to lower the lead time for the project.

Project: Royal Mills High Level Glass Replacement



Project Name : Royal Mills

Value : £20,000-£25,000

Duration : One Weekend

Status : Main Contractor

Key Points : High Level Glass Replacement
Road Closure Required
Specialist Crane and Spider Access Platform required and glass lifting equipment



A bespoke glass atrium in a central Manchester apartment complex required the use of a specialist contractor to conduct the replacement of a defective panel above a busy central courtyard.

Our access specialists planned a method to reach the difficult location which involved a combination of internal MEWP, Abseil Technicians and a mobile tower crane. Licences for a road closure were applied for well in advance in order to allow the operation to go ahead.

Project: Omega Drive Glass Replacement Operation



Project Name : Omega Drive, Irlam

Value : £280,000.00+

Duration : February 2015

Status : Main Contractor

Key Points : Replacement of front façade glazing
Laboratory testing to establish glass specification/combination
Procurement of glazing from European Manufacturer
Provision of long term guarantee
Specialist on-site production facility created and utilised

Our prestigious blue chip client approached Glazing Refurbishment to replace an existing curtain wall façade with a defunct glazing specification and numerous defects.

The GR procurement team arranged for laboratory testing of the existing glazing to find the closest match available before procuring the units from a mainland Europe Manufacturer. With a tight deadline, we created a specialist on-site manufacturing facility for the project duration to reduce the lead time.

Our teams utilised a variety of mechanical access equipment to assist with the removal of existing defective units and to aid the installation of the replacements.

Project: Whitby Pavilion Glass Replacement Operation



Project Name : Whitby Pavilions

Value : £20,000-£25,000

Duration : Jan-Feb 2015

Status : Main Contractor

Key Points : Replacement of 14no Defective DGU's
Fixed scaffolding access
Difficult access due to cliffside location
Full Seal Service
Specialist Roof access system with bearers
Ropes and harnesses required

A difficult cliff side location led this popular Entertainment Venue to contact Glazing Refurbishment to assist with their required glass replacements due to the unique access conditions.

Our access specialists conducted a site survey in order to formulate a safe working method. With the access arrangements agreed with the client and put in place, the GR fitting team arrived on site and conducted the multiple glass replacements – all whilst working by the cliff edge.

The client, pleased with our professional approach, later instructed additional works on site to include the complete replacement of existing weather seals.

Project: Meadowhall SC Leak Rectification Works



Project Name : Meadowhall Shopping Centre
(Laing O Rourke)

Value : £50,000 - £75,000

Duration : May 2015 – July 2015

Status : Sub-Contractor

Key Points : Complete overhaul of existing butt seals
Provision of five year guarantee against water ingress
Specialist Roof Access system utilised

Having experienced water ingress issues with a recently installed overhead rooflight measuring over 100m in length, we were tasked with inspecting the system and providing a long term solution.

Our intrusive inspection revealed the incorrect application of butt seals was allowing water to penetrate the system.

To conduct works, our teams raked out and removed all of the existing butt seals before conducting cleaning and preparation works to the surface. We then conducted the application of new replacement butt seals utilising system compatible silicon sealant and backing rod to provide a water tight seal. A successful water test upon completion revealed that all works were conducted correctly.

Project: St Elli Shopping Centre



Project Name : St Elli Shopping Centre

Value : £75,000 - £100,000

Duration : May-July 2015

Status : Contractor

Key Points : Replacement of all existing weather seals
Clearing of all drainage details
Multiple Glass Replacements
Replacement of external Silicon Seals
Full clean to system to remove build up of dirt/debris/vegetation



The new owners of the St Elli Shopping Centre inherited an overhead system with multiple water ingress issues due to the seaside location and a lack of maintenance.

Our Shopping Centre Division proposed a complete overhaul of the existing weather seals and an annual maintenance program to prolong the lifespan.

Our team commenced with removing large amounts of built up vegetation and dirt from the system. The existing weather seals in approx.750 overhead panels were all removed before new weather seals were added using system compatible silicon sealant.

A five year guarantee against future water ingress was given to client upon completion of the successful weather seal replacement works.

About Us: **Who We Are**



Glazing Refurbishment Limited was established in 1994 as part of the Vision Group of companies. The Managing Director, Michael Bloor, established the company after a history in the architectural glazing trade spanning twenty five years. The company has built a solid reputation delivering specialist glazing operations at height and in difficult access locations.

Glazing Refurbishment has now established themselves as the market leader in the refurbishment and repair of architectural glazed structures. Refurbishment packages cover all forms of architectural and Commercial Glazing including glass roofs, rooflights, canopies, glazed entrances, curtain walling and windows.

We provide a UK wide specialist service, focusing upon difficult access, high-level operations providing glazing restoration, refurbishment and remedial solutions to the commercial sector. In order to maintain our professional standards, our recruitment and training policy ensures that all team members are fully skilled in delivering bespoke refurbishment packages in order to offer our clients the very best service.

Health and Safety Accreditations Trusting your **Contractors**

Our Health and Safety procedures are constantly reviewed and upgraded with a site and task specific detailed method statement and risk assessment being provided as a basic standard for all works undertaken.

GR is accredited to an ISO standard meeting the requirements of ISO 9001 and ISO 14001 along with compliance and membership of Safe Contractor, Construction Line, CHAS and Contractor Plus.

All Site Managers are trained to SMSTS standard and all Site operatives are CSCS card holders and CITB Health & Safety tested. All high level works are conducted by GR PASMA (Prefabricated Access Suppliers & Manufacturers Association), IPAF (International Powered Access Federation)

Insurance Backed Guarantees Long Term Protection

Due to our unique and longstanding position as the leading organisation within our market – Glazing Refurbishment are the **ONLY** Specialist Glazing Company able to offer a full Insurance Backed Guarantee Warranty on works that we conduct.

All items within our agreed works are fully covered by a comprehensive insurance backed guarantee against products utilised, leak ingress and any defects within our refurbishment following successful completion of works.

Each insured works listed on our provided certificate of insurance are covered for a period of 10 years from completed installation date providing clients with peace of mind in regard to the quality of works we produce.

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