







IJCAS ING CONTRACTORS LIMITED

he to the Construction Industry



BUILDING and CIVIL ENGINEERING

CONTRACTORS

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also at

ROAD, SOUTHALL, RUISLIP MIDDLESEX 'Grams: Taywood, Sou

Tel.: Waxlow 2366 (10 lines)

BRANCHES THROUGHO THE COUNTRY AND Lucas was founded in the late 1960s as a specialist spraying contractor working for some of the largest housebuilding and general construction companies in Britain.

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We proved ourselves trailblazers in innovation right from the start. We were early adopters of airless spraying, a new technology of the 1970s. We acquired an Italian coatings brand in the early 1980s called Muralplast, giving us access to new paint technologies and allowing us to develop innovative, problem-solving solutions for our clients.

Welcome LONDON CITY AIRPORT

LONDON CITY AIRPORT Lucas continued to grow and work on ever larger projects such as London City Airport and phase one of Canary Wharf.





150 900

In the mid-1990s, whilst working on Glaxo campus in Stevenage, Europe's largest construction site, we achieved ISO 9001 (then known as BS 5750) – a highly unusual accreditation for a subcontractor at the time. We proudly pioneered the use of water-based paints within the industry and became very early adopters of the world wide web to drive our business.



Through the late 1990s and early 2000s we continued to deliver some of London's most revered projects including the Jubilee Line Extension, the iconic Millennium Dome (now the O2 Arena) and Heathrow's Terminal 5, then the largest freestanding structure in the United Kingdom.







In 2007 we made the bold move of introducing a fit out division to the Lucas portfolio. This business sat alongside the finishing division to complement and expand our service offering.



In the 2010s we continued to pick up pace, growing rapidly and securing projects such as the McLaren Technology Centre in Woking, numerous facilities that made up the 2012 Olympic Park including the Olympic stadium itself, and the Shard, the 95-storey supertall skyscraper designed by Italian architect Renzo Piano.





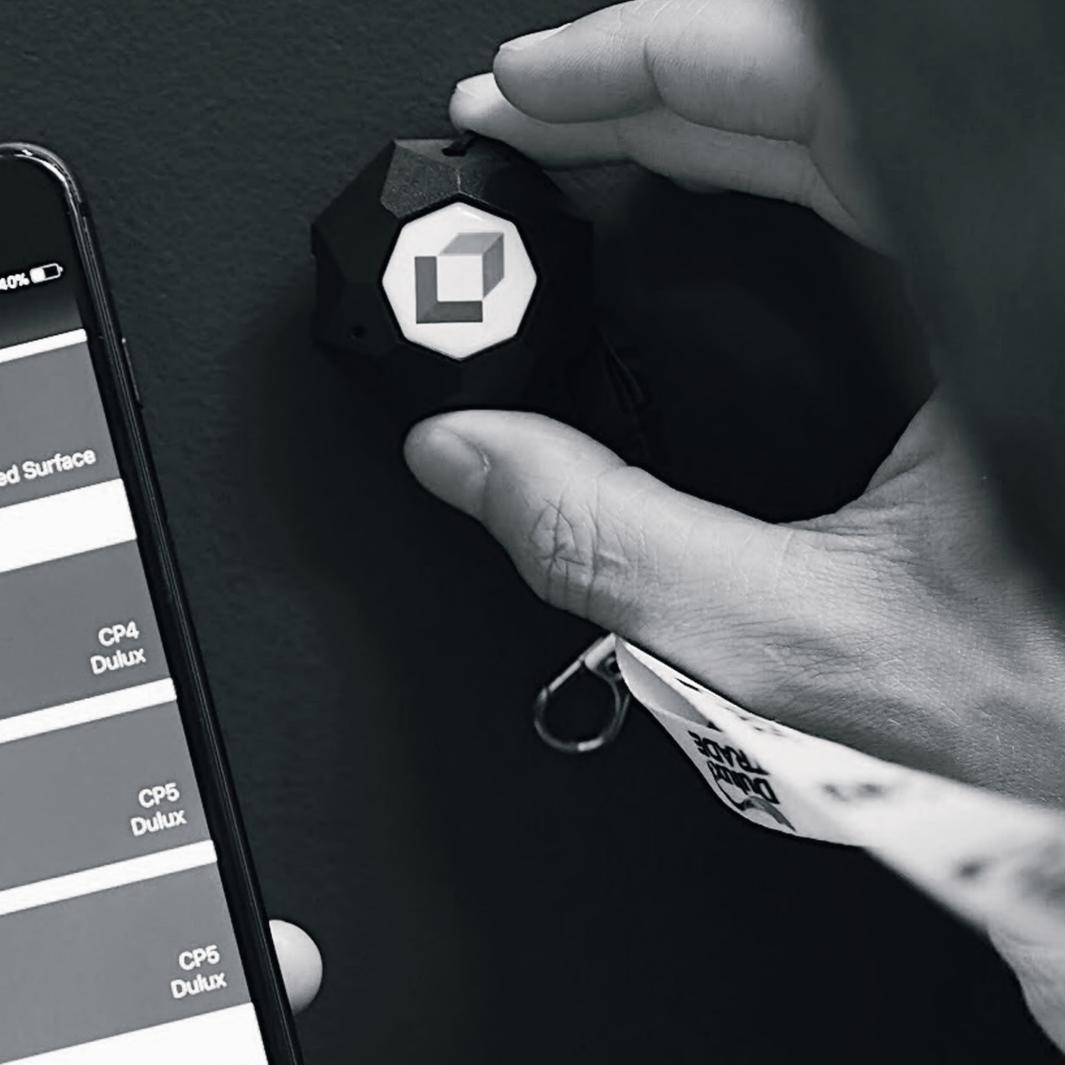


In 2013 we called on Apple logo designer Rob Janoff to rebrand Lucas bringing all our subsidiaries under the one mark. We went on to launch Lucas ProTools a year later and added an offsite manufacturing solution to our services in 2015.



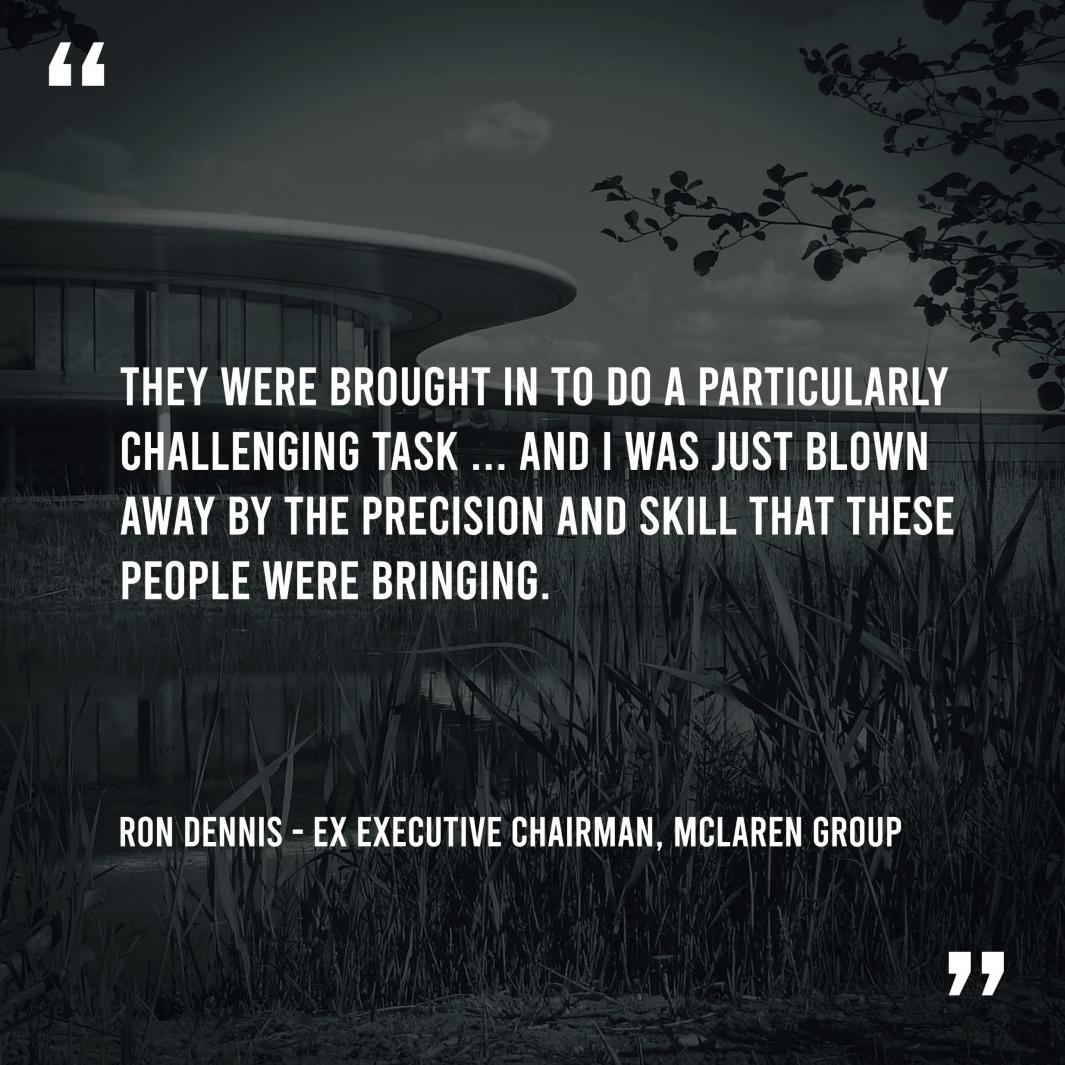
Lucas's can-do attitude and attention to detail has won us dozens of industry awards, we have forged valuable working partnerships, completed millions of hours of RIDDOR-free working, and delivered a portfolio of stunning projects of which we are extremely proud.

17:12 Scan Colour #1 02-UK 3G = Scann Excellent Matches Gabled Blue 70BG 07/086 Ink Explosion 89BG 09/087 vrimson Lake



I SAS

We have invested heavily in bringing technological innovation into all our operations in order to drive Lucas and the industry into a new age of construction for tomorrow.



OUR PURPOSE



LUCAS SAFETY AS STANDARD LUCAS



"Lucas Delivers"

We deliver on time, we deliver top quality, we deliver efficiently, we deliver safely, and we deliver innovatively. We always deliver.



"Focused on quality, delivered with efficiency"

To achieve our 'Lucas Delivers' ethos, we focus on quality in everything that we do, and use innovation and our LEAN culture to deliver in the most efficient way possible.



"Pushing boundaries to deliver the best"

Our brand promise is made possible by our overarching culture of pushing the boundaries to deliver the best in all areas. What we do

How we do it •

With a culture of •

"Lucas Delivers"

"Focused on quality, delivered with efficiency"

"Pushing boundaries to deliver the best"





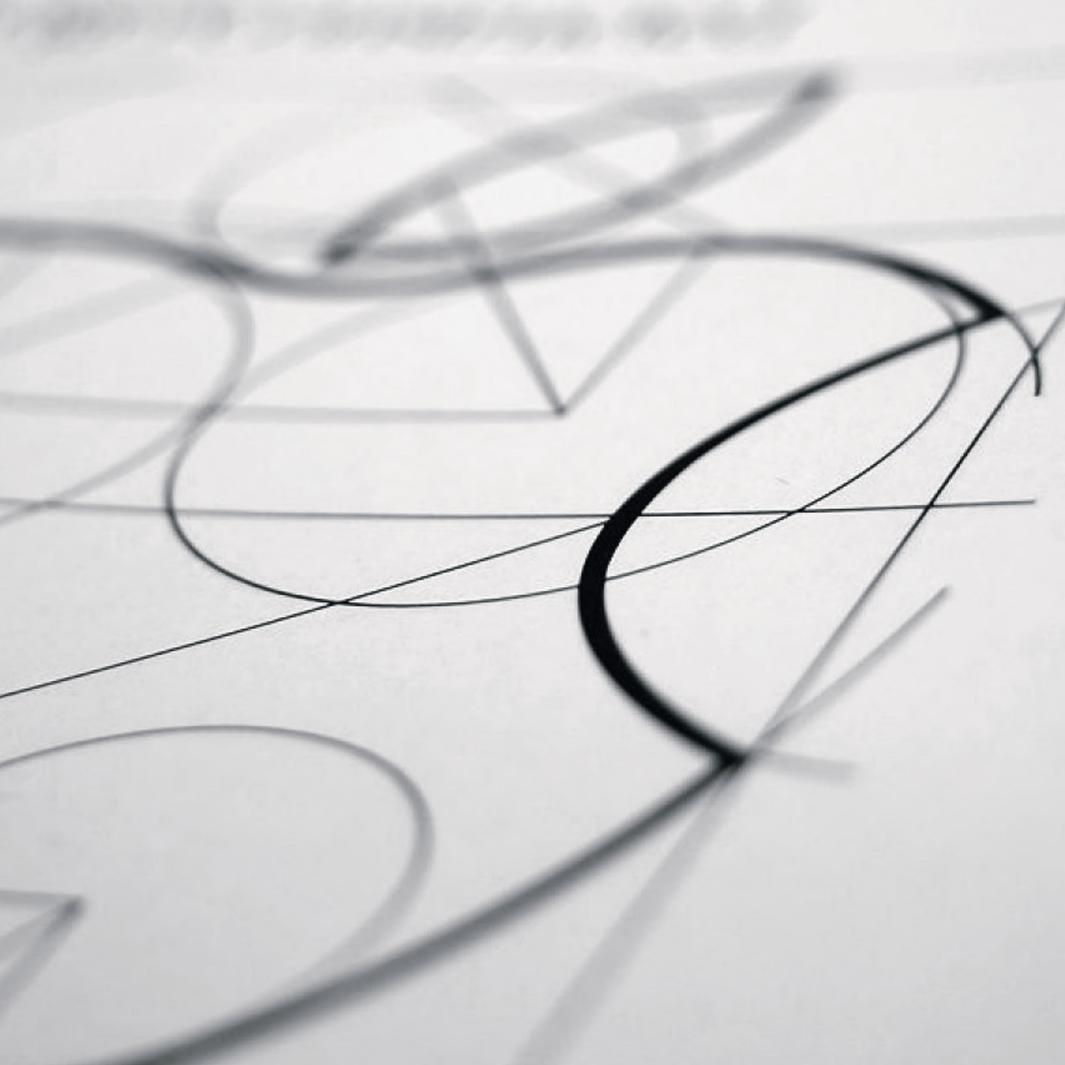
IN MY EXPERIENCE, RARELY DO YOU COME ACROSS A TRADE CONTRACTOR, IN ANY DISCIPLINE, WHO DELIVER ON ALL FRONTS LIKE LUCAS DO. THEY ARE ABLE TO MEET CHALLENGING PROGRAMMES, BUT ALSO DELIVER THE QUALITY, AND DO IT SAFELY. THEY ARE TRUE TO THEIR WORD, AND IF THEY TELL ME SOMETHING WILL GET DONE — I KNOW IT WILL BE.

GUTO JONES - PROJECT DIRECTOR, GREENWICH PENINSULA

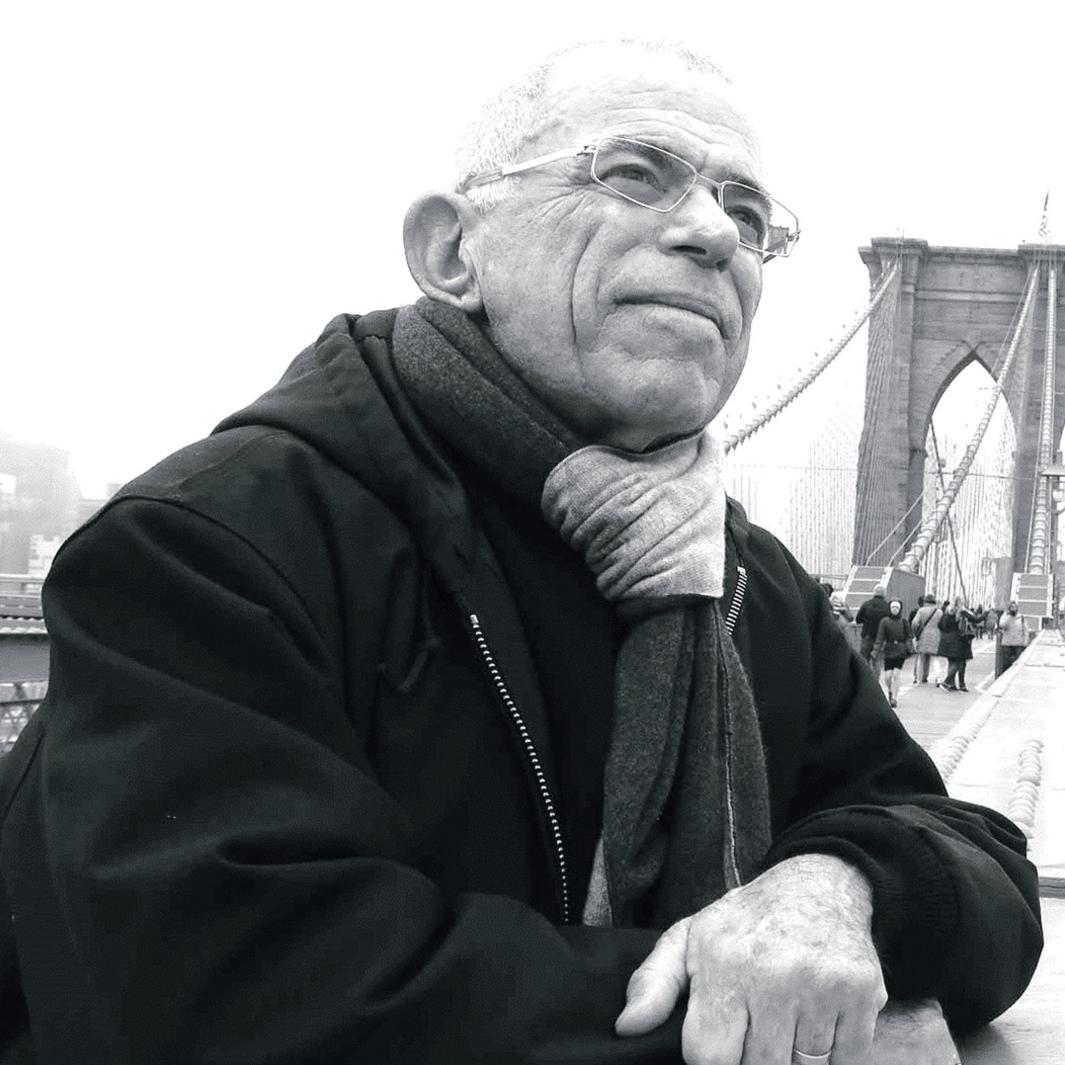
OUR BRAND



In 2013 we decided to rebrand the business. We wanted to encompass decades of rich history and combine all Lucas subsidiaries into one definitive mark. A mark that represented our values and achievements of the past and our ambitions for the future.



We sought the best brand designer – someone with a track record of creating iconic identities. Brands don't get more iconic than Apple.







The man behind that logo was ... Rob Janoff

Apple's founder Steve Jobs had recognised the importance of a strong brand and in 1977 approached consultancy Regis McKenna to help.

The task was given to their art director, Rob Janoff, and over a period of time Rob worked with Steve to help him realise his brand vision.

TAKING A BITE out of THE APPLE

A graphic designer's tale

ROB JANOFF

Designer of the Apple logo

We contacted Rob who now lives in Chicago and asked whether he would work with us to conceive the new face of Lucas. The branding he developed represented the spaces we transform and symbolises positivity and forward-thinking.

The green shape forms walls and ceilings to symbolise a room. It also suggests positivity and forward thinking.

The logo also forms an optical illusion as to whether you are inside or outside of the cube.

LUCAS

Bold & proud lettering in 90% black to make a statement.

The blue 'L' icon depicts the word 'Lucas' with strength

Greens: #b2d234, #3ab54a

Blues: #0066b3, #034ea2

Black: #414143

It could not have been more 'Lucas'.

EXCELLENT COMMUNICATION DURING THE DESIGN AND BUILD AND THE MANAGEMENT ON SITE SECOND TO NONE. A PLEASURE TO WORK WITH AND WOULD HAVE NO HESITATION TO WORKING WITH THE TEAM AGAIN. VERY BEST WISHES FOR THE FUTURE.

ALEX MACLEOD - PROJECT DIRECTOR, BAHRAIN TOWER

OUR PARTNERS

"FORMULA ONE REQUIRES SPEED, PRECISION AND AN EYE FOR DETAIL. FOR THAT REASON, WE FOUND A GREAT AFFINITY WITH LUCAS . . . "

ZAK BROWN - CEO, MCLAREN RACING





RENAULT Coca: Cola PETRO RAS RITHARD MILLE ACCELERATING TRANSFORMÁTION **DBRAS** KENWOOD Stratashs Diucas The Okits IST

McLaren

Lucas was appointed an official McLaren partner in 2011 after completing a particularly challenging range of works at the McLaren Production Centre. Since then we have gone on to work as the exclusive construction partner for McLaren – helping to construct and maintain the facilities for the McLaren headquarters campus in Surrey.

The decade long relationship has gone from strength to strength and is an important driver of our introduction of new technologies throughout our operations.

LUCAS 3D PRINT LABORATORY

IN PARTNERSHIP WITH STRATASYS



Stratasys

Lucas and Stratasys are two businesses with shared values in innovation, quality, and efficiency. We are both technology partners with McLaren. We partnered with Stratasys in 2019 to explore the untapped opportunities for 3D printing within the construction industry.

We have now built our own 3D printing laboratory at our Kent headquarters – a resource that is well utilized and has become an essential appliance in our research and development function.



Cityscape VR

Lucas began to explore Virtual Design and Construction (VDC) in 2018, working closely in partnership with Cityscape VR as our dedicated software partner.

VDC uses virtual reality to bring construction projects to life at an early stage. This allows teams to collaborate and make design decisions to avoid costly changes further along the build process.





Colour & Concierge is a ground-breaking new development born out of a medical solution combined with a vision to:- Create a collaborative precon tool Give added service & value on site

AkzoNobel

After working for many years as Contract Partners with Dulux, Lucas and AkzoNobel (Dulux's parent company) came together in 2018 to form a collaborative innovation partnership.

The partnership allows us to expedite ideas and innovations quickly whilst trialling them in real world scenarios. AkzoNobel provides unrivalled R&D capabilities and scalability globally.



British Lung Foundation

Lucas became founding partners of the British Lung Foundation's "Living Well Alliance" in 2017.

We have since continued to support the charity and its work, providing financial assistance, awareness within the sector, and construction services on a pro-bono basis.

We also teamed up with the British Lung Foundation in 2019 to begin offering free on-site lung testing for our operatives which we now carry out on a regular basis.

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ANYWHERE 0 O

Automation Anywhere

Lucas entered a collaborative partnership with Automation Anywhere in 2020 as part of our 2025 digital strategy, focussed on using artificial intelligence and robotic process automation to streamline work.

We are now fully utilizing a range of digital bots for process automation which is bringing huge efficiencies in time and labour.

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I WANT TO PERSONALLY THANK YOU FOR YOUR HARD WORK ON THE NEW BLOOMBERG EUROPEAN HEADQUARTERS. YOUR OUTSTANDING EFFORTS MADE IT POSSIBLE, AND I AM GRATEFUL FOR EVERYTHING YOU DID TO BRING THIS COMPLEX PROJECT TO LIFE.

MICHAEL BLOOMBERG

OUR SERVICES







Finishing

The finishing division of Lucas has an illustrious history of delivering many of London's most iconic landmarks.

Pairing timeless artisan skill sets with cutting edge technology, our teams always deliver on time and to a flawless standard.



Fit Out

Lucas has undertaken a huge array of complex, high-end fit out projects. We apply our world-class quality standards and attention to detail into every facet of our fit out operations to deliver some of the highest quality spaces in London.



Concierge

The Concierge service allows us to close out jobs to a perfect result and provide a soft-landings service like no other.

The Concierge team are highly skilled finishing specialists who take the utmost pride in their work and provide customers with a first-rate experience.







Bespoke Coatings

Lucas has a strong track record in creating special coatings for some of the most demanding projects, whether matching rare heritage colours or developing a unique paint finish to replicate faux materials such as leather, stone or metal.

Our headquarters is equipped with state-ofthe-art paint laboratories, a colour studio in association with Lechler, a world-class spray facility and a fully equipped innovation centre for architects, clients and specifiers to explore.



Pushing boundaries to deliver the best*

Joinery

Lucas is able to manufacture a complete array of bespoke solutions from our joinery facility which operates seamlessly with our spray facilities to provide an end-to-end service.

We also have a wide span of capability working alongside trusted partners for mass production when necessary.

MANIFESTATION

SAMPLE SPRAY BOOTH SEAL

stratasys | F370

Integrated Technology Services

Lucas's facilities are focused on bringing a unique wider offering to our clients.

Our 3D printing laboratory allows us to prototype designs and manufacture individual parts, often to solve site-based problems that are slowing construction progress.

We also have our own paint laboratory with certified testing available for anti-slip properties (PTV) and the full range of other tests for coatings properties.

It sits alongside our graphics suite for the in-house production of manifestation and stencils.

Breathe

Developed initially by Lucas and then in partnership with AkzoNobel and the British Lung Foundation, Breathe is a sustainable range of coatings designed to clean the air of pollutants and support wellbeing inside and outside buildings.

LUCAS WERE A PLEASURE TO DEAL WITH, THEY RESPONDED WELL TO EVERYTHING WE THREW AT THEM AND THEY WERE VERY MUCH PART OF THE SUCCESS OF THE SHARD.

TONY PALGRAVE - PROJECT DIRECTOR, THE SHARD







Terminal 5, Heathrow

Terminal 5 comprised 16 major projects and over 147 sub-projects and was one of Europe's largest and most complex developments at the time. Lauded by many as a template for major construction projects of the future, Terminal 5 pushed the boundaries of traditional construction by harnessing innovation and best practice from other industries and translating them into mainstream construction management.

Lucas was responsible for the internal coatings package on the main terminal building, the work undertaken including specialist floor coatings to the world's longest baggage handling conveyor hall running some 18 kilometres; a specialist SIKA system applied to all air intake tunnels; protective coatings to the roof structure; general decorations to all front and back of house areas; and intumescent coatings to structural steelwork requiring the deployment of painters qualified in abseiling.









Olympic Stadium

Lucas completed a series of decorations packages at the London 2012 Olympic Stadium on the Olympic Park in East London.

The general decorations programme during the construction of the stadium took place over 35 weeks and included the application of decorative and special protective finishes to walls, ceilings, floors and staircases to all front and back of house areas throughout the stadium and to the podium level that surrounds the stadium.

We also used our own Muralplast MSP coating for "blacking out" purposes to hide all the high level elements in the ceiling voids in the stadium's VIP areas, ensuring that the feature see-through floating ceilings created the right effect.

Our stadium team went on to develop and apply a bespoke non-trip painted nosing on every step and stair throughout the stadium, all 30,000 of them, and then stencilled a durable, non-slip number for every row of seats.





Tate Modern Extension

Lucas painting teams were deployed at Tate Modern to provide a fine artistic finish to the galleries and exhibition spaces in the 10-storey extension.

The building is designed by Herzog and de Meuron who also created the original gallery from the former Thameside power station, and provides new places to meet, learn and create and allows Tate Modern the space to display more artworks from around the world.

Our operatives adopted both spray and roller painting techniques for the extensive wall areas and used Lucas ProTool brushes for cutting in and finer details, to ensure the ultimate quality finish to surfaces that display important contemporary and modern artworks.

The wall areas are extremely large and up to six meters high, with acoustic perforated plasterboards on perimeter walls. So we deployed large painting teams to ensure that a consistent, uniform finish was achieved to create the perfect backdrop for viewing.

Television Centre



Television Centre

Specialist teams from across Lucas successfully completed a number of projects at the former BBC Television Centre in west London, playing a key role in the transformation of this iconic Grade II listed building.

We were early on site carrying out several enabling projects to kick start the development before our refurbishment specialists worked on the original staircases within the circular TV Centre building known as The Helios.

We also refurbished the main lobby of the Helios building and undertook a full decorations programme for the 162 luxury one and two bedroom apartments and penthouses created in the Helios, and decorated 270 one, two, three and four bedroom apartments and penthouses in The Crescent.

Meanwhile, another Lucas fit out team completed an eight-week project to develop and fit out a marketing suite for the development.





Café Royal

The Lucas team was called upon to assist in the restoration and redevelopment of the Café Royal on London's Regent Street. Originally opened in 1865 and rebuilt in the 1920s, the Café Royal re-opened after restoration as one of London's most luxurious hotels.

We were appointed to undertake a tightly-scheduled refurbishment of the feature six-storey helical stairs which rise up inside the eastern side of the hotel. Our restoration team brought the complex handrails and spindles of the staircase back to life by hand burnishing all the brasswork and painting all the risers.

We also renovated, re-plastered and decorated the walls of the lobbies served by the staircase at each level of the hotel and refurbished and French polished all the lobby doors.

After this stage was completed, we went on to the restoration of what was known as the County Fire Office within the building, and which is now the feature entrance to the Café Royal's luxurious spa and health club.









Savoy Hotel

Lucas carried out a specialist refurbishment and finishing programme of works in a demanding $8\frac{1}{2}$ week programme as part of the completion phase of a major £220 million, three-year refurbishment programme of the whole hotel by its owners.

We were tasked with the meticulous restoration and finishing work to floors, walls and ceilings to a number of famous public rooms including the River Room, Lincoln Room and the Manhattan Room and bar as well as other public areas in the hotel.

The Edwardian and Art Deco themes so rich throughout the Savoy required careful, specialist treatment. These included replacing stretched fabric panels, reburnishing elaborate balustrades and ironwork, the investigation and matching of original colours, detailed repair and decoration of ornate cornicework, repointing of marble surfaces, repair of polished joinery and the refurbishment and replacement of intricate light fittings.





The Shard

Lucas carried out important contracts on The Shard, completing a $\mathcal{L}1$ million 'shell and core' decorations package during the early phase of construction. We painted all basement and core back-of-house areas such as corridors, perimeter walls and columns, staircases and lift lobbies as well as base painting certain public areas.

We also oversaw a team applying specialist epoxy floor coatings to seal and waterproof concrete surfaces, protecting them from corrosive liquids and making them cleanable and dustproof.

As construction of The Shard neared completion, our fit out team undertook an important $\pounds 1$ million programme of 38 basement and mezzanine floor areas that make up the offices of the building's management company and the facilities managers. We installed raised flooring, carried out all the drylining, erected suspended ceilings, installed all the electrical and mechanical engineering systems and decorated throughout.





Greenwich Peninsula

Lucas painting teams have been deployed at a broad range of residential developments right across London.

We completed the decorations for 1,000 homes at Greenwich Peninsula at the start of London's largest single regeneration project, the massive Greenwich Peninsula regeneration plan.

Our first packages were centred on the first two apartment buildings completed on the development and rising to 22 and 23 storeys. Our first task was to apply specialist, durable protective coatings to all the basement areas including car parking, plant and service areas. Then we undertook a full, quality decorations package for 464 residential apartments.

In our second phase of working on the peninsula our decorations teams were deployed on three further buildings of 24, 28 and 29 storeys and completed a comprehensive programme for over 500 residential units ranging from studios to three-bedroom apartments.





One Crown Place

Lucas completed a spectacular and highly original marketing suite for a new development underway on the northern edge of the City of London.

The developers were AlloyMtd and the development managers were CBRE, who we worked very closely with in the lead-up to production. We also worked closely with architects Kohn Pedersen Fox and interior designers Bowler James Brindley where we created an amazing full-size one bedroom apartment with no exterior walls or ceiling, sitting in the middle of a warehouse.

Installations include a dry-fit kitchen and bathroom, all the mechanical and electrical installations including the lighting, power design and heating and cooling design. Joinery elements included kitchen and bathroom units, worktops, folding glazed doors, fixed glazed bathroom screens, doors and ironmongery, external cladding fins in painted MDF, a library unit and a sales/receptionist desk.









Nova Victoria

Lucas was brought in to fit out 21 luxury penthouses in the Nova Building. Taking the area from the status of a "Grey Box", we pumped concrete up through the building to screed the penthouse floors with an integrated underfloor heating system and then installed all drywall partitioning complete with a skimmed and painted finish to create a perfect white box.

We then installed specialist timber flooring, complex lacquered timber wall panelling and a significant bespoke wardrobe package made off site. All lobby areas were finished in a combination of timber and stainless steel cladding and all ceilings finished in a high quality Kavdrat acoustic cladding system.

We also carried out major painting packages at Nova. We decorated throughout the 170 newly-built apartments, painting the shell and core of the commercial buildings, and basement levels across the whole site which required protective resin coatings and a specialist DeckMaster multi-coat system for the demarcation of the car parks, loading bays and ramps.

THIS WAS AN EXTREMELY CHALLENGING PROJECT FOR A DEMANDING CLIENT HOWEVER EVEN IN THE MOST DIFFICULT CIRCUMSTANCES THE LUCAS TEAM REMAINED FULLY COMMITTED AND DELIVERED A PRODUCT OF EXCELLENT QUALITY.

SCOTT EVANS - PROJECT DIRECTOR, NOVA VICTORIA





Our Future

Lucas is making a big effort to tackle the skills shortage within the industry and pushing construction forwards in technology and innovation.



Visitor & Learning Centre

Lucas opened its Visitor and Learning Centre in 2018 to coincide with Open Doors 2018, a week-long nationwide event aimed at attracting young people into construction. The VLC is used for school visits and as a training centre and learning experience for young apprentices.



Paint the Future

Lucas's partnership with AkzoNobel has led to a collaboration on the 'Paint the Future' programme where we are asked to assist in judging worldwide innovation projects for funding and perform keynote speeches to inspire the industry.

ELECAS OVATIONCENTRE

LUCAS

PLICAS

College Programme

The Lucas College Programme ensures that we provide a clear path of progression and professional development for our young talent. We run the programme in various sectors of the business for both site-based and office-based trades.

HUB FOR INNOVATION & ENTERPRISE ATIO DEIRA Kent



DELIVE

KENT II CHAME

KENT INVISTA CHAMP

DERA Kent

COMMER

University of HUB FOR INNOVATION & ENTERPRISE



⊳EiRA





University of Kent

Lucas cooperated with the University of Kent in 2019 to work as a sponsor on the iTeams challenge, aimed at giving students real-world experience and apply their learning to authentic business situations.

We continue to work with the University on a range of projects and student programmes.







Innovations

Lucas always pushes the envelope in new innovations to enhance safety, productivity, quality and wellbeing. We have committed heavily in drone technology, 3D printing, virtual reality and the application of exoskeletal devices to alleviate fatigue.

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Digital Operations

Lucas continues to drive digital applications within the business and has implemented a wide range of bespoke software to streamline processes.

This ongoing process has significantly reduced labour times, errors and required resources, allowing Lucas to push forward as a dynamic and efficient team.



THIS IS LUCAS

