



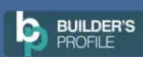
**Delivering Specialist
Building Solutions for
the Construction & Refurbishment Industries**

www.visionsc.co.uk



Certifications

Our dedication to upholding the highest standards has earned us certifications from several esteemed industry organisations, reinforcing our position as an approved contractor.





+ ABOUT US

With over 50 years of experience, Vision Specialist Contracting Limited (VSC) has been at the heart of UK building projects with custom-building solutions. From city structures, highways and railways to shopping centres and hospitals, we have the expertise.

Our Expertise Includes:

- Structural Expansion Joints
- Structural Waterproofing
- Concrete Repairs
- Bridge Deck Waterproofing
- Bridge Deck Expansion Joints
- Liquid Roofing for Balconies & Podium Decks
- Below Ground Waterproofing

Our Partnerships:

- **Shopping Centres:** Revitalising pathways & functional spaces.
- **Airports:** Upholding structural integrity and championing safety.
- **Highways:** Maintaining roads, from local lanes to major highways.
- **Government:** Partnering for public safety and infrastructure upkeep.
- **Railways:** Ensuring the rail network remains reliable and safe.
- **Hospitals:** Helping healthcare facilities stand strong and functional.
- **Facility Management:** Upkeep and safety of commercial properties.

Our Dedication to Quality and Safety

Through advancements in technology, staff training, and process refinement, we consistently raise the industry bar. Our teams receive top-tier training, ensuring we always exceed industry standards. Health, safety, and environmental responsibility are at our core. Regular audits, inspections, and training sessions are foundational to our approach, making each project a testament to safety and excellence.

At VSC, we go beyond simple task execution. We innovate, collaborate, and continuously look to the horizon, turning architectural dreams into tangible realities.



Mark Fairman
Managing Director



Mark Hart
Contracts Director

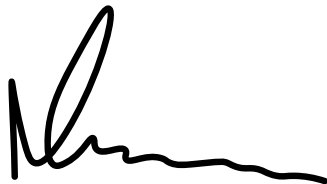
+ A Message From Our Directors

Thank you for taking the time to look through our brochure. At Vision Specialist Contracting Limited, we are fully committed to our clients, ensuring that we operate at the highest standards throughout the process, from the initial contact stage through to completion.

We have an experienced team, who are flexible and can adapt to our client's changing requirements. We can offer solutions to challenges that often arise at site level, which may need an immediate fix.

VSC takes Health & Safety, and the Environmental very seriously, ensuring our legal obligations are met. Performance is continuously monitored, so that ourSSIP's are compliant and are not compromised at any time.

Lastly, thank you to the VSC team for their hard work and dedication, which has ensured our sustainable growth and stability. This has been through some of the toughest times that the construction industry has seen in recent years.

A stylized, handwritten signature in black ink, appearing to read 'Mark Fairman'.

Mark Fairman

A handwritten signature in black ink, appearing to read 'M. Hart'.

Mark Hart

+ Expansion Joints

For a bridge to endure and thrive, it needs to breathe. This is where our expertise in expansion joints comes in. Harnessing the latest technology, we provide durable, efficient, and reliable expansion joints that cater to the dynamic requirements of bridges. Our solutions help structures adjust to varying temperatures and loads, thereby preventing cracks and maintaining structural integrity.



+ Structural Waterproofing



Ensure your below-ground structures remain dry and protected with our comprehensive structural waterproofing solutions, designed in accordance with the BS8102:2022 Code of Practice. Our expertise and high-quality materials guarantee long-lasting protection against water ingress.

There are three types of structural waterproofing:

Type A (Barrier Protection) involves applying waterproofing barriers internally or externally. This includes systems such as liquid membranes, bonded and loose-laid sheet membranes, bentonite clay membranes, and cementitious crystallisation systems.

Type B (Structurally Integral Protection) relies on the concrete structure itself to provide waterproof protection. This is achieved through steel reinforcement to control cracking and admixtures that reverse capillary action, blocking the pores in the concrete when subjected to hydrostatic pressure.

Type C (Drained Protection) allows water seepage into the main structure. The water travels into a drainage system and is then diverted away from the building through either a sump and pump chamber or a gravity-based internal water management system.



+ Bridge Deck Waterproofing

Water is a silent destroyer when it comes to bridges. At VSC, we offer top-tier bridge deck waterproofing services. By creating a powerful barrier against moisture and chlorides, we can significantly extend the lifespan of your bridge decks, ensuring they stand tall and robust against the test of time and harsh weather conditions.

At VSC, we bring a blend of innovation, expertise, and commitment to every project. We understand that each client has unique needs and challenges, and we tailor our services accordingly. With us, you can expect the highest degree of contextual relevance in all our solutions. We don't just offer services; we offer peace of mind, knowing your infrastructure is in safe, experienced hands.

+ Highway Expansion Joints

VSC specialises in providing high-quality expansion joints. These are essential for managing movement in critical infrastructure, and ensuring the structural integrity of buildings and constructions over time. We offer a range of high-performance solutions, each designed for specific applications.

- Buried highway joints
- Multi-use car park and bridge joints
- Heavy-traffic highway joints
- Cost-effective highway joint solutions
- Commercial & heavy traffic solutions

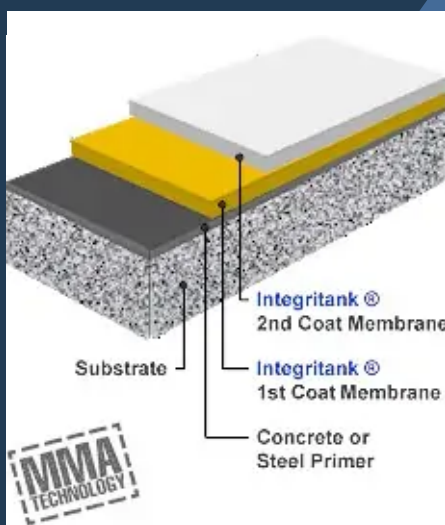


+ Liquid Waterproofing

Liquid waterproofing membranes are polymer-based coatings applied in liquid form to surfaces like roofs, bridges, podiums, walls, and basements to create a barrier against water infiltration. Applied by spray or hand, it eliminates joints and seams, which are common weak points in traditional waterproofing systems. The flexibility allows it to conform to various surface, shapes and contours, making it suitable for both flat and irregular surfaces. These membranes are versatile and provide long-lasting protection from moisture intrusion, reducing maintenance costs and enhancing structural longevity.



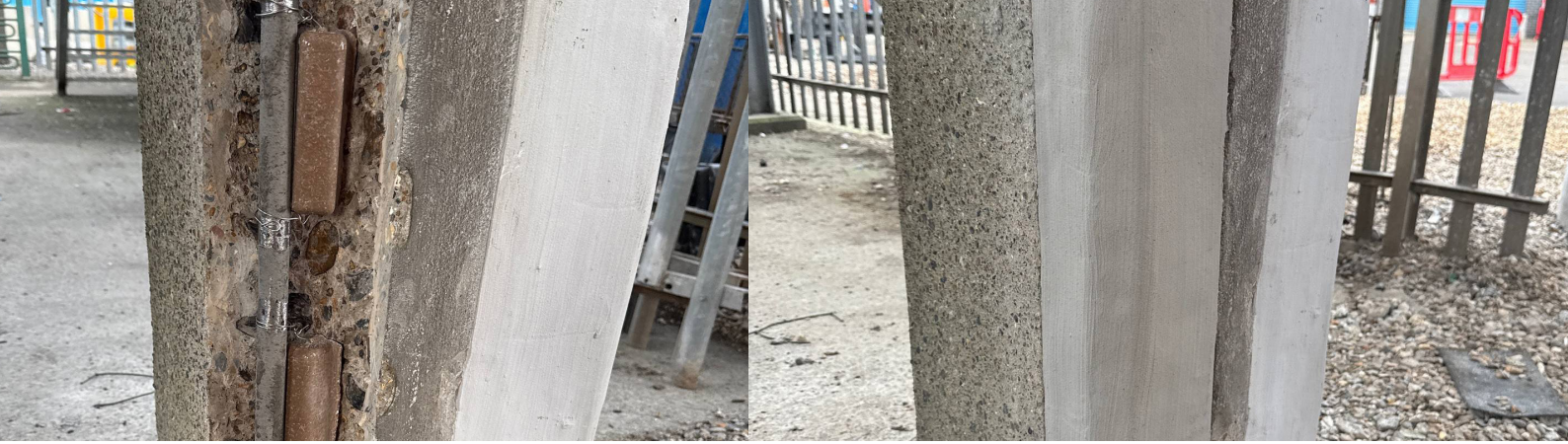
+ Liquid roofing



Restore and protect roofs with our premium cold-applied liquid roofing systems. These flat roofing and waterproofing solutions are fast-curing, and ideal for a range of repairs and restoration. With a single-component application, they offer a fully reinforced, robust roofing membrane and waterproofing for longevity across all roofing applications.

Why Choose Liquid Roofing?

- Effective methods for existing roof waterproofing
- Complete protection, no seams or cracks
- Bonds well for outstanding leak prevention
- Reflective options available for energy efficiency
- Cost-effective roof replacement



+ Concrete Repairs

We specialise in structural concrete repairs, essential for supporting commercial and industrial structures. We provide reliable solutions that enhance both durability and efficiency. Our extensive knowledge and dedication to quality make us the preferred choice for businesses looking to maintain and improve their infrastructure.

Comprehensive Concrete Restoration Process

Untreated concrete exposed to air and moisture can undergo a process called carbonation. This can initially make the concrete harder, but over time it reduces its alkalinity, causing it to deteriorate. Carbonation can also affect the steel reinforcement within the concrete, leading to rust, expansion, and cracks, which can weaken the structure. This deterioration can have a big impact on the safety and functionality of a building.

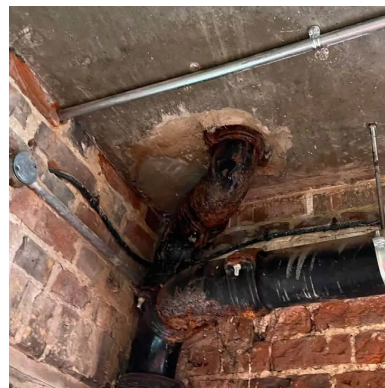
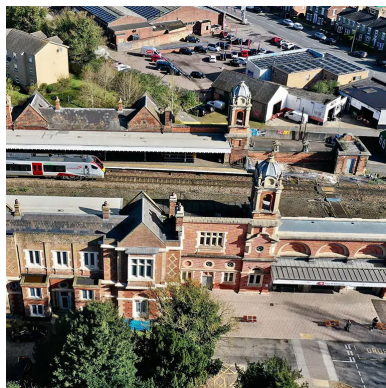
+ Car Park Deck Coatings

Car park deck coatings are essential for safeguarding parking structures against damage from vehicles, weather, and chemicals. Typically made from polyurethane, epoxy, or acrylic, these coatings create a waterproof barrier that protects concrete integrity and bridges small cracks. They are highly durable, resisting wear from traffic, de-icing salts, and automotive fluids, and often incorporate aggregates to enhance slip resistance, improving safety for vehicles and pedestrians. Additionally, their UV stability prevents degradation and discolouration from sun exposure. Available in various colours and finishes, these coatings enhance the facility's appearance while simplifying maintenance and reducing long-term upkeep costs.



+ Bury St Edmunds Train Station

Bury St Edmunds Train Station required building envelope works due to the ageing condition of the Grade II listed building managed by a Delivery Partner. A significant issue was water damage caused by water ingress through an inefficiently waterproofed roof, invasive plant species growing through brickwork, and debris around drainage points.



To address the problem, a roof condition report was produced, which recommended an overlay of the existing roof to restore its waterproofing. Safety was crucial due to the works being carried out near a live railway line, so scaffolding and a harness system were installed to ensure the safety of our staff who carried out the installation. A rigorous waste removal system was put in place to prevent construction debris from being blown onto the tracks, as it could cause railway delays. Before the work could commence, the roof had to be cleared of invasive species, and coping stones weighing between 120kg and 150kg each were removed and washed.

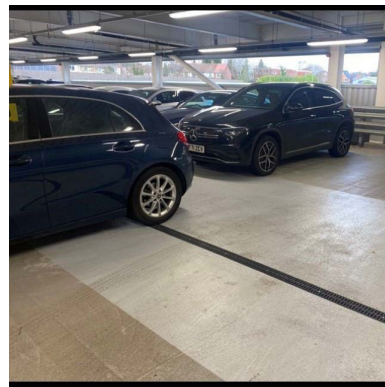
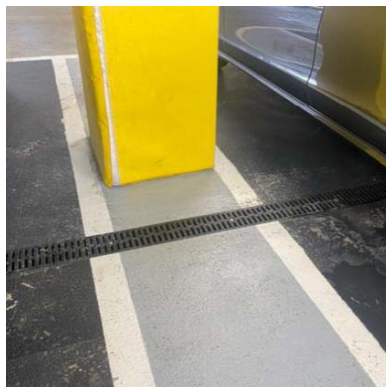
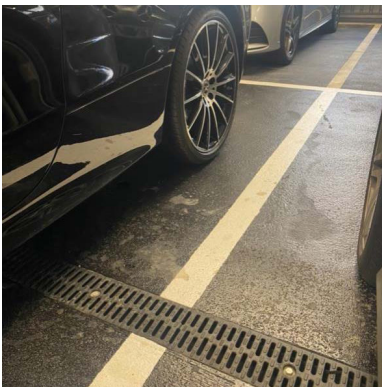


Working as a trusted partner with a Supply Chain Partner, we were able to recommend AlphaGuard PUMA Liquid Applied Flat Roofing System which was used for the refurbishment works. This system is fast-curing in low and high temperatures, certified with Broof(t4) classification, and comes with a 25-year warranty. To create a smooth foundation for the liquid applied solution, TremVap was installed. AlphaGuard PUMA was then applied seamlessly to the roof and details, including drainage outlets and parapet walls. Coping stones were reinstated to maintain the building's aesthetics.

+ Mercedes-Benz Stockport

VSC visited the site and carried out a number of flood tests before designing a solution for our client to approve. This consisted of the supply and installation of Gully Pots to the First Floor, including all enabling works, waterproofing and re-coating of all surrounding parking bays.

On the Ground Floor due to the deck build up we selected a low profile aco drain, including all enabling works, waterproofing and re-coating of all surrounding parking bays. The system's ability to be applied in cold temperatures was another significant benefit, as the project would take place over some winter months.



After design approval and PI approval VSC applied the system swiftly to each of the decks, ensuring the programme of works stayed on schedule, avoiding disruption to the client, achieving a lightweight and effective, long lasting waterproofing and surfacing solution.

The designed systems were installed as per their manufactured guidelines under a close QA inspection by our client.

All phases were closely managed to ensure minimum disruption and minimal time for a bay to be out of use.



VSC have designed and installed a solution to our clients' problem, removing the issues caused from standing water to the new vehicles being stored to these areas.

+ Industria, Barking

VSC's most recent endeavour revolved around Industria, the UK's premier sustainable industrial development located in the River Road Employment Area, Barking. A multi-level structure, boasting a substantial 133,000 sq. ft. of floor space constructed on a reclaimed brownfield site, Industria represented an innovative challenge. The particular challenge at hand was twofold: to provide a robust waterproofing solution for the large-scale structure and to ensure a durable anti-skid surfacing treatment. This dual task was to be accomplished in the context of a bustling construction site, exposed to the whims of the weather and concurrently occupied by various trades.



In response to this challenge, VSC deployed the Decseal System from their Supply Chain Partner. This system employs a multi-component, rapid-cure coating based on ESSELAC resins. It was especially designed for elevated structures such as Industria, with applications on car park decks, ramps, pedestrian walkways, footbridges, and balconies. This waterproof membrane not only ensured the prevention of water ingress but also provided a skid and slip-resistant surface finish. Additionally, the system also provided robust protection to the structure against potential corrosion caused by water, oils, fuels, and chloride ions.



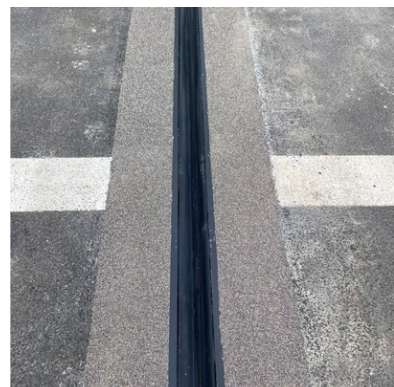
Despite the logistical complexities and the weather-related uncertainties, VSC's on-site team, backed by stellar support from the oce-based team, successfully executed the task. They overcame the operational obstacles to deliver a top-quality waterproofing and anti-skid surfacing solution for Industria.

The comprehensive package ensures longevity and safety for the structure, embodying the high standards of quality that VSC holds in high regard. The successful completion of the Industria project stands as a testament to VSC's commitment to delivering innovative solutions under challenging circumstances, embodying their ethos of quality and resilience.



+ Wandsworth Bridge

Wandsworth Bridge, an essential transport link serving numerous commuters and local residents, was undergoing an extensive refurbishment. The upgrade of the bridge's infrastructure included the installation of new expansion joints—a critical component for the bridge's longevity and safety. VSC faced the formidable task of installing these components within an exceptionally tight deadline. The bridge was scheduled to reopen to the public shortly, and any delays in the installation process would not only hinder the reopening but also potentially inconvenience thousands of commuters and affect the surrounding businesses. The challenge was to ensure a rapid yet precise installation of durable bridge expansion joints that would withstand high wear and tear.



In response to this significant challenge, VSC teamed up with a Delivery Partner to strategise an elective solution. After evaluating various options, we opted for the Sentinel EMR Type 6 Bridge Expansion Joints. These joints are specifically designed for high wear situations, making them an excellent choice for the heavy traffic of Wandsworth Bridge. Their surface-mounted mechanical design allows for a quicker installation compared to traditional expansion joints, which typically require more extensive construction work and longer curing times.

VSC's team of specialists coordinated closely with a Delivery Partner to schedule and execute the installation. Leveraging their expertise and the innovative design of the Sentinel EMR joints, VSC implemented a streamlined installation process. This involved meticulous planning, staging of materials, and coordinating with other refurbishment activities to minimise downtime and ensure each segment of the job was completed efficiently.



The strategic selection and installation of Sentinel EMR Type 6 Bridge Expansion Joints proved to be the ideal solution for the Wandsworth Bridge's refurbishment needs. The joints' design facilitated a swift installation process, allowing VSC to meet the pressing deadline. As a result, the bridge was equipped with a robust expansion joint system capable of enduring the demands of constant traffic and environmental factors.

The collaboration between VSC and the Delivery Partner, coupled with the use of high-quality materials and an efficient installation method, resulted in the bridge reopening to the public on schedule. The project's success demonstrated VSC's ability to deliver effective solutions under pressure and solidified their reputation as a contractor capable of meeting complex challenges with precision and promptness. The Wandsworth Bridge refurbishment stands as a testament to the company's commitment to excellence.

+ Industries We Work With



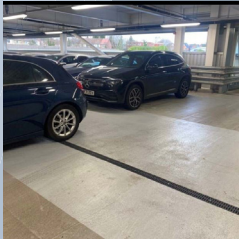
Highways

Our comprehensive services range from expansion joints to bridge deck waterproofing, anti-slip surfaces, and footbridge waterproofing.



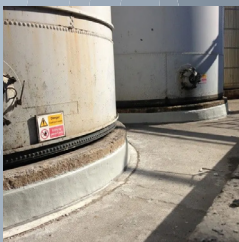
Rail Industry

VSC is dedicated to maintaining the safety and durability of railway infrastructure. We specialise in bridge deck waterproofing and footbridge waterproofing, essential services for extending the lifespan of railway bridges and footbridges.



Car Parks

VSC offers essential services for maintaining and improving car parks, focusing on safety, appearance, and functionality. Our experienced team handles various tasks ranging from regular maintenance to comprehensive refurbishments and structural enhancements.



Heavy Industrial

We understand that refineries and chemical plants are unique environments and require special consideration when offering suitable solutions. Working closely with our clients, we establish these requirements and often supply bespoke solutions. We are able to deliver on any project, offering cost effective and high quality solutions.





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