



CONCRETE REPAIR

REPAIR AND PROTECTING EXISTING CONCRETE



SOLUTIONS TO RESTORE CONCRETE AND IMPROVE DURABILITY

At the core of Beton Bauen's services sits Concrete Repair & Protection. We specialise in carrying out repairs throughout all industrial, commercial, and multiple occupancy residential sectors. Regardless of whether the problem is caused by corrosive elements, structural deficiencies or natural deterioration our concrete repair specialists have a solution for every problem from large scale renovations and structures, to restoring kerbs and joint defects.

It is not uncommon for concrete structures to become damaged and develop cracks and gaps due to weather conditions and constant wear and tear. Due to the evaporation of water contained in concrete, as well as expansion and contraction of the concrete due to changing temperatures, voids and cracks and erosion due to wind and rain reduce the integrity and appearance of the concrete. Regardless of whether the problem is caused by corrosive elements, structural deficiencies or natural deterioration our concrete repair specialists have a solution for every problem. Beton Bauen use modern restoration techniques to repair the concrete and return it to its original specifications and surface finish levels. Beton Bauen complies to the *European Standard for Concrete Repair EN1504*.

Prior to repairing damaged concrete, it is imperative to understand the cause of the damage. We are able to professionally survey and test existing concrete structures/compositions, and further ensure that any repair integrity is not compromised by a spread of concrete deterioration. This can be achieved by blasting away any damaged concrete, with a technique known as Hydrodemolition.

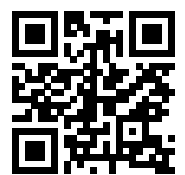
Our concrete repair specialists use several different methods to help protect the longevity of works completed. The use of repair mortars, special protective coatings, reinforcement systems as well as meticulous corrosion management and protective processes can add durability and help extend structural lifespan beyond its initial design. Whether the issue is due to corrosive elements, structural flaws or natural deterioration, our proficient team have the expertise to find a solution to any problem.

AREAS BETON BAUEN CAN HELP?

- CONCRETE COLUMNS, BEAMS & STEPS
- COASTAL STRUCTURE REPAIRS
- BRIDGES, JETTIES & TUNNELS
- MULTI STOREY CAR PARKS
- WATER TREATMENT FACILITIES & RESERVOIRS
- CONCRETE WINDOWSILLS, LINTELS & CANOPIES

CONCRETE REPAIR SERVICES

- DIAGNOSTIC SURVEYS & TESTING
- DEMOLITION & REMOVAL
- MORTAR REPAIR SYSTEMS & CRACK INJECTION
- SPECIALIST COATINGS, SEALERS & GROUTING
- SPRAYED CONCRETE
- STRUCTURAL STRENGTHENING
- CATHODIC PROTECTION
- CARBON FIBRE PLATE BONDING





BETON BAUEN SERVICES

CONCRETE SPECIALIST CONTRACTORS IN THE UK AND BEYOND



THE BETON BAUEN STORY

Beton Bauen Limited is an independent, family business, led by Managing Director, Steve Davies. Founded in 2006, the company has grown considerably and is now regarded as a leading specialist in Concrete Repair, Structural Waterproofing and Ground Gas Protection within the United Kingdom and overseas. We work extensively in the field of highways and road infrastructure, as well as specialist works including sea and flood defences.

Originally established in Newport (South Wales), our head office relocated in 2014 to larger, dedicated premises in Caerphilly, with convenient transport access to the M4 'corridor'. The bulk of our contract work is located within the South West of England and South Wales areas, for large organisations from various private sectors such as Engie, Welsh Water, Skanska, RWE and TATA Steel Europe, plus a great number of local authority councils and public sector organisations like the DVLA, NHS and Cardiff City Council.

Beton Bauen has been involved with major projects further afield, including South East Asia and more recently supporting oil and gas industries in the southern states of the USA. We have also completed projects in Ireland, continental Europe, the Middle East and Africa, gaining extensive experience of working in some of the most challenging and difficult environments.

Beton Bauen provides a dedicated and reliable service, combined with exceptional customer care. We plan and manage operations professionally, whether a long-term construction project or an emergency repair. We continue to enjoy rapid growth and expansion, due largely to repeat business and regular contracts from a large number of loyal and satisfied commercial clients.

BETON BAUEN CORE SERVICES

- CONCRETE REPAIR & PROTECTION
- STRUCTURAL WATERPROOFING
- SITE SURVEYS & CONCRETE TESTING
- INTRUSIVE / NON-INTRUSIVE SITE INVESTIGATIONS
- GROUND GAS PROTECTION
- RESIN INJECTION: STRUCTURAL WATERPROOFING
- RESIN INJECTION: LEAK SEALING & WATER STOPPING
- CONFINED SPACE WORKS
- WATERPROOFING TANKING SYSTEMS
- SPRAY APPLIED MEMBRANE WATERPROOFING
- SPECIALIST GROUTING
- SPRAYED CONCRETE
- INDUSTRIAL FLOORING REFURBISHMENT
- FACADE CLEANING & PROTECTION
- HYDRODEMOLITION
- AERIAL SURVEYS



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