



BETON BAUEN SERVICES

SPECIALIST CONTRACTORS IN THE UK AND BEYOND



Beton Bauen 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 & Protection, Site Surveys & Concrete Testing, and Structural Waterproofing within the United Kingdom and overseas.

We work extensively in the field of highways and road infrastructure, the Utilities sector, as well as specialist works, including sea and flood defences. Our head office in Caerphilly, benefits from convenient transport links to the M4 'corridor', with the bulk of our contract work located within the South West of England and South Wales areas. Clients consist of large organisations from both the private and public sectors, across a wide-range of industries.

Beton Bauen Limited is certified to ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018, to ensure the highest of standards in our commitment to delivering quality, safety, and management of our environmental responsibilities.

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

BETON BAUEN CORE SERVICES INCLUDE:

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



Certificate Number 18889





STRUCTURAL WATERPROOFING TANKING SYSTEMS



Structural tanking (Type A waterproofing) is a barrier system used to prevent water ingress into below-ground structures like basements, cellars, and lift pits. By applying impermeable materials such as cementitious slurries, liquid membranes, or sheet membranes - it encases the structure, effectively creating a sealed, watertight "tank" against hydrostatic pressure.

Ordinary damp proofing helps prevent upward moisture (rising damp), whereas tanking halts all directional ingress - vertical, lateral, or capillary, from soil, slopes, and groundwater. Unchecked moisture intrusion is a leading cause of deterioration and financial loss in UK property portfolios. Every year, failed damp proofing or delayed tanking can erode property value, litigation mounts for non-compliance, and heritage properties may lose original materials that cannot be replaced. Tanking addresses a host of threats that often remain invisible until an asset or project is jeopardised, including:

Structural weakness - Water undermines mortar, bricks, and stone. Load-bearing integrity diminishes and often goes unnoticed over time.

Mould and health exposure - Persistent low-level damp spawns biological hazards impervious to ventilation alone.

Compliance breakdown - HHSRS violations threaten landlords and managers with fines; whilst PAS2035 and BS8102 audits can stall commercial mortgage applications, tenancy approvals, or insurance renewals.

Every project is a decision between containment of future liability or compounding remediation on an asset. Beton Bauen evidence-based surveys, combined with specialist tanking solutions, let asset stakeholders (owners, landlords, property managers, etc.) act before risk matures into loss.

BETON BAUEN WATERPROOFING & TANKING SYSTEMS INCLUDE:

- POLYMER-MODIFIED COATINGS
- EPOXY / POLYURETHANE COATINGS
- LIQUID AND/OR SPRAY APPLIED COATINGS
- MMA COATINGS
- CEMENTITIOUS TANKING
- SHEET MEMBRANES
- CAVITY DRAINAGE SYSTEMS
- PERIMETER DRAINAGE CHANNELS
- SILOXANE PENETRATING COATINGS
- HYBRID & COMPOSITE SYSTEMS

TYPICAL SOLUTIONS FOR WATERPROOF TANKING SYSTEMS:

- BASEMENT/CELLAR WALLS & FLOORS
- LIFT PITS
- RESERVOIRS & WATER STORAGE
- UNDERGROUND GARAGES
- SWIMMING POOLS
- STORAGE AREAS
- RETAINING WALLS



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