



THE WATERPROOFING DESIGN PARTNERSHIP



Bespoke
waterproofing designs
for Stage 3 and Stage 4 requirements.

Newton's experienced and certified design team of experts can act as an integral part of your project team, supported by our own professional indemnity insurance. We will consider any project where you require us to act as the waterproofing design specialist.

THE DESIGN PROCESS

1 DESIGN STAGE SELECTION

The design service will fulfil the role of the nominated waterproofing designer as part of the project team, as recommended by British Standard 8102:2022, and delivering the specialist expertise required by the Building Safety Act 2022.

Our design team holds all necessary qualifications, experience and professional indemnity (PI) cover for the waterproofing design. Newton's involvement can begin at either Stage 3 or Stage 4, and will ensure that the requirements of each stage are met to coordinate all elements of the waterproofing design with the wider team.

STAGE 3 - SPATIAL COORDINATION:

- Review all project information including architectural and structural drawings, and site investigations.
- Review and comment on any existing waterproofing proposals.
- Guidance on system costs and ongoing maintenance costs.
- Newton waterproofing **design proposal** to meet client's requirements for the internal environment – including a discussion of all potential options and combinations required to achieve the clients requirements.
- Relevant information provided, including standard technical drawings and product information to allow coordination of all elements of the waterproofing systems with the wider design team.
- Attendance to up to three virtual design meetings - additional meetings at additional cost.
- U-value calculation and condensation risk analysis, where relevant, at an additional cost.

STAGE 4 - TECHNICAL DESIGN:

- Coordinate all elements of the waterproofing design with the wider team. This includes guidance for relevant M&E, sump chamber locations and, where appropriate, maintenance inspection ports.
- Full detailed waterproofing design developed and issued within a **bespoke design pack**.
- Using the project DWGs, we will produce up to 15 project-specific details within your design pack, as well as a full waterproofing design rationale, specification sheets for your design, and relevant product data sheets.
- U-value calculation and condensation risk analysis, where relevant, at an additional cost.
- Attendance to up to three virtual design meetings - additional meetings at additional cost.
- The bespoke Newton design pack will be provided with all information required for tender purposes.
- Design risk assessment

2 ADDITIONAL ITEMS

Additional items detailed below will incur additional costs per item:

- Reviewing and signing alternative contracts to the Newton design contract
- Reviewing and signing collateral warranties
- Performing a gas protection assessment and providing a specification
- Providing a foul and surface water pumping specification
- Calculating u-values and/or performing a condensation risk analysis
- Additional design meetings away from the Newton head office
- Additional design meetings at the Newton office or on virtual platforms
- Pre-design site visit and/or observation survey
- Additional drawings not included in the original specification documents

3 QUOTE & CONTRACT

Newton will issue a formal quote for our design services and, if accepted, this will be complemented by a formal Contract outlining the agreement. If accepted, 50% payment is due on signing the design contract.

4 HAND OVER TO A NEWTON SPECIALIST CONTRACTOR

Once the bespoke design pack is complete, it can be sent to an appropriate selection of Newton Specialist Basement Contractors (NSBCs) for competitive tender (list provided by Newton). Once appointed, the chosen NSBC will inherit the design liability, carry out the installation and provide an insurance-backed installation guarantee (if appropriate).

5 WARRANTIES & GUARANTEES

The Newton Design Service does not represent a warranty should failure of the waterproofing system occur due to product defects or incorrect installation. If appropriate, your chosen NSBC will provide an insurance-backed installation guarantee which protects the client from defects in the design and installation. For more information on the different types of product warranties, insurance guarantees and other forms of protection in UK waterproofing, click the button to the right:

[GUARANTEES](#)

SPEAK TO US ABOUT YOUR PROJECT

[CALL US](#)

[EMAIL US](#)

[SUBMIT AN ONLINE ENQUIRY](#)

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JN
JOHN NEWTON
& COMPANY LIMITED (EST. 1848)
SPECIALISTS IN WATERPROOFING
AND DRAINAGE CONTROL

“The Newton technical team has helped tremendously on our projects. Leading from site and providing alternate designs that are project-specific. Multiplex thanks the hard work and commitment the team has shown, and we look forward to continuing to work with Newton.”