

Structural Waterproofing:

A BS8102 outsourced design & consultancy solution covering all aspects of the Structural Waterproofing design and implementation process

The devil is often in the detail so let us take care of the process

The importance of good practice and reliable waterproofing isn't lost on those involved in design and construction and of course ultimately; their clients.

The issue: For many Architects, Designers, Quantity Surveyors, Engineers, Specifiers and other Construction professionals, there's a real need for structural waterproofing design expertise ahead of final implementation and installation, and critically at the early planning stages of a project.

A cost effective outsourced solution covering:

Design, Detailing and Take-Offs for; Architects, Quantity Surveyors, Design Engineers, Technical Designers and other Construction Professionals.

- A tailored and flexible outsourced approach to the design, specification and detailing stages
- Up to and including the critical and correct installation of what is specified

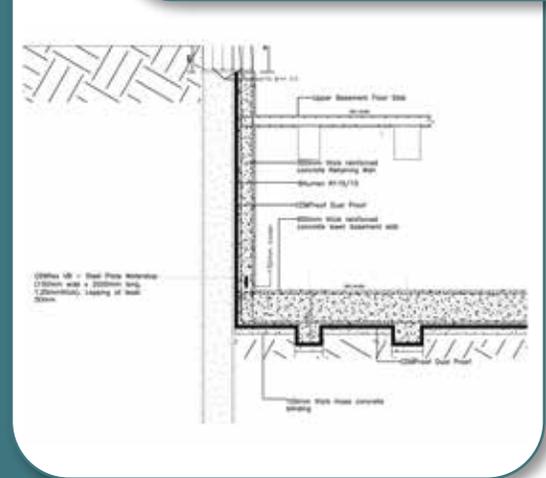
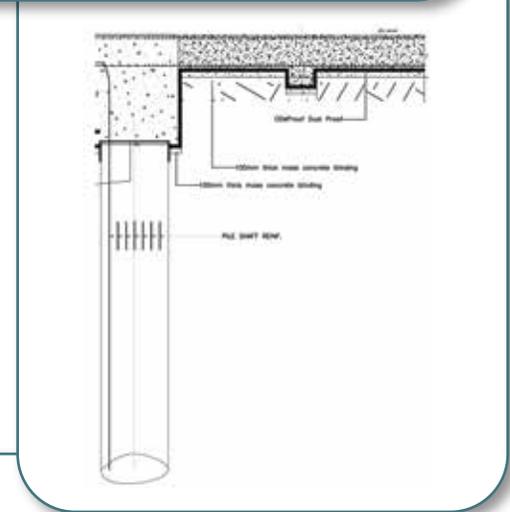
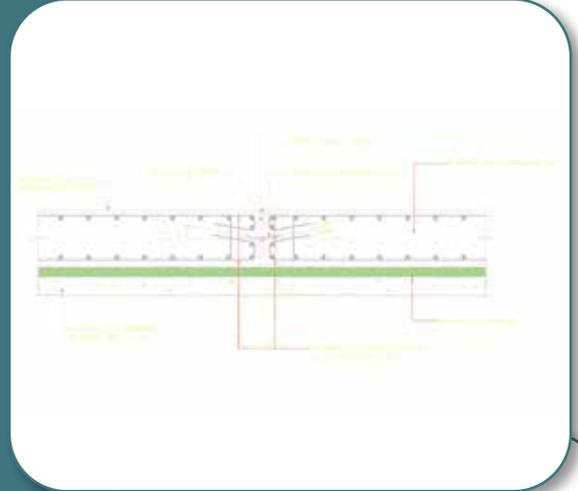
If you don't have the internal design and detailing resource or workloads dictate extra resource is required, we can help with the initial design and specification process required to scope a modern and often complex and efficient structural waterproofing solution.

What's more, it means that the design liability is ours

By outsourcing your requirements to us:

- We'll work with your internal design and specification teams to handle the process
- As much or as little input as you require
- You get a fit for purpose efficient solution
- A surrogate resource to augment your own designers and specifiers - you get the full benefits and understanding of BS8102

We cover all aspects of new and remedial build and all areas of the structural envelope. **Why not share one of your up and coming projects with us and we can give you some initial free and impartial advice? We can then explain how we can save you both time and money.**



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Below and above ground

Expert system design, advice and installation: For Waterproof Membranes, Water-stops/Injection Systems, Cementitious Coatings, Cavity Drain Systems and Concrete Repair.

We work with a close group of manufacturing partners that we trust and have good technical relationships with and that provide industry leading technologies.

Waterproof membranes

We recommend and install a range of membranes from leading manufacturers, suppliers and distributors. Many of the membranes we can supply are unique to us. Our engineers design using technologies they understand and have tested. Our installation technicians are trained on all the membranes that SWS install.

From tried and tested Bentonite membranes through to the latest technologies from Germany and Switzerland. Many of the newer systems that we supply and install are active and can adapt to changing environments.

Cementitious coatings

We work with a number of products and will work with you, your engineers & designers to supply the 'Fit for purpose' solution. Improved technology means that greater flexibility and crack covering is now available with many products. Our engineers are expert on advising on suitability of use in areas such as; residential, industrial, civil, infrastructure and utility locations.

Water-stops and injection hoses

We fit systems from several manufacturers for use in movement and non-movement concrete joints. We provide technical advice and design detailing for injection hose installation for immediate use or for remedial injection at a potentially later stage if required. We also work with and offer a wide range and the installation of expanding sealing technologies and Hydrophilic solutions. SWS are expert at advising on the correct sealing of both in-situ and pre-cast concrete. We can also advise on systems that will withstand chemical or other contaminant attack.

Drainage Systems

Our design engineers can advise on drainage systems that permanently prevent soil, backfill material and water from contact with the concrete structure. High-quality drainage systems are also used as an effective permanent solution which provides pressure-resistant protection for a waterproof membrane sealing system. SWS fit high quality solutions to ensure years of trouble free service.

Concrete Repair

Whatever your requirements we can offer a range of solutions and stabilisation processes. Concrete repair can require complex answers and we are happy to advise on all aspects of repair, resin injection and other solutions.

NHBC requirements:

Within the UK we only fit and supply products and technologies that are BBA approved for use in residential and domestic situations. NHBC requirements are that any waterproofing systems installed should be BBA and/or approved by a recognised body to ensure any guarantee or warranty is valid. This applies to new build or conversion properties.