

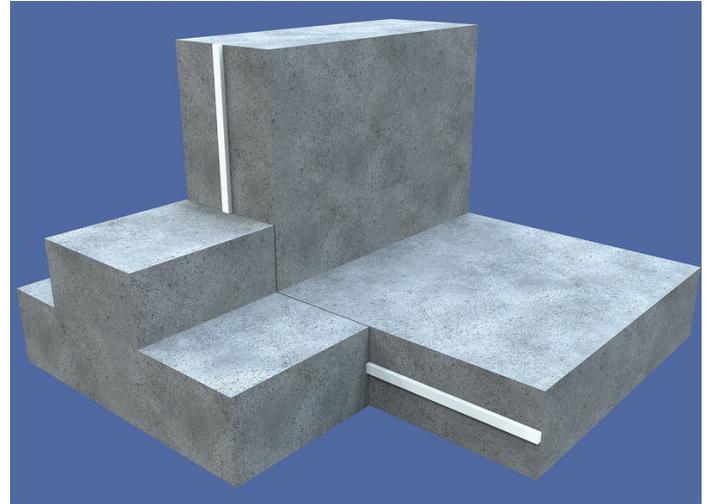


TYPE B BASEMENT WATERPROOFING SYSTEMS

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Defined in the BS8102:2009 as an 'integral protection' - Type B waterproofing systems are those where the structure itself is integrally waterproof and the primary resistance against water ingress. These structures are generally made of high grade concrete with reinforcement fabric or additives, which will help reduce water ingress through cracks etc... in conjunction with waterbars and waterstops at joints and junctions.

Hydrophilic and hydrophobic grouts and epoxies, and other injectable sealants which are typically used for the remediation of water ingress through cracks are also considered Type B Waterproofing Systems as they become 'integrally part of the structure'.



Type B systems are typically applied as:

- Additives to the concrete such as crystallines or cementitious powders
- Waterbars, waterstops and waterplugs
- Injectable grouts and epoxies



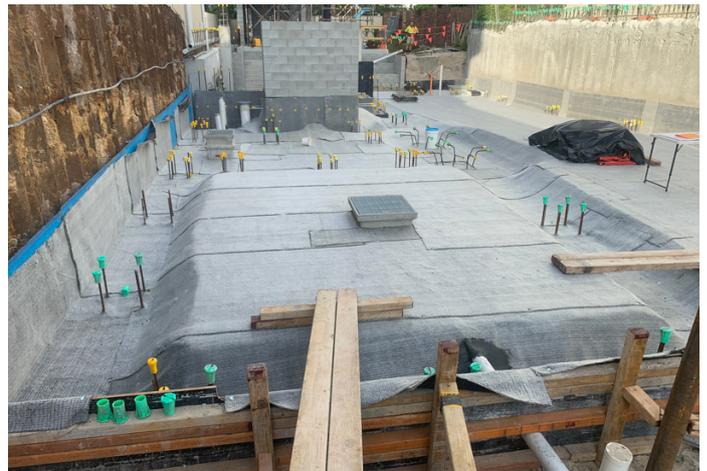
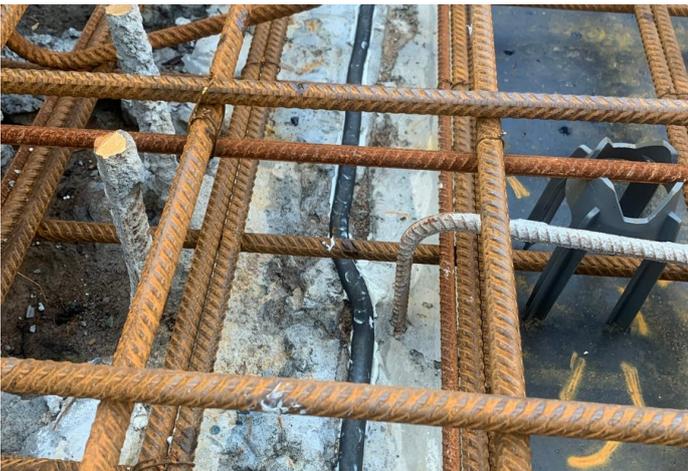
TYPE B WATERPROOFING CASE STUDY

Multi-Level Luxury Beach House - Marine Parade, Miami QLD

This luxury beach house was designed with essentially a 'zero boundary' pile construction basement. To ensure the waterproofing of the basement several different waterproofing systems were installed, including bentonite sheeting, swellable waterstops and concrete waterproof additives.

For the basement works we specified and installed the following elements:

- Underslab bentonite sheet membrane
- 'Sandwiched' bentonite sheet membrane
- Installation of waterstops where required
- Waterproofing Admix concrete additives to shotcrete and slabs
- Detailing all joints and junctions using



FOR MORE INFORMATION....

About Us

Dryspace Solutions are specialists in the design and installation of structural waterproofing systems for both new and existing buildings.

Our Director Jamie Stone, has worked in the waterproofing and construction industry for over fifteen years. Having successfully completing thousands of waterproofing projects, Jamie created 'Dryspace Solutions' - a professional waterproofing company specialising in below and in ground waterproofing systems, making it the first waterproofing company of it's kind in Australia.

In 2011, Jamie became Australia's first authorised NSBC "Newton Specialist Basement Contractor", using the John Newton (UK) cavity drain waterproofing technology. In 2019, Jamie returned to the UK to undertake his CSSW Qualification - Certificated Surveyor of Structural Waterproofing.

This qualification is required by UK Insurers for basement waterproofing design. There are currently less than 1000 qualified CSSW's in the UK, and less than 8 in Australia.



Contact Us

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