



TYPE A BASEMENT WATERPROOFING SYSTEMS

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Defined in the BS8102:2009 as a 'barrier membrane', Type A waterproofing systems are those which are applied to either the internal or external substrate of the basement structure, to prevent the ingress of water. These barrier membranes also fulfil the requirements of the Building Code of Australia Part 2.2 Damp and Weatherproofing.

Examples of these membranes are bentonite to the underslab and walls, bitumen liquid or sheet membranes, cementitious coatings to the walls or polymer based liquids. Type A systems can be used for both new construction and remediation works.



Type A systems are typically applied to:

- Under the slab
- To the external basement walls
- To the top (positive side) or the podium slab
- To the internal walls of the basement structure (usually installed when there's zero boundary or negative hydrostatic pressure). text



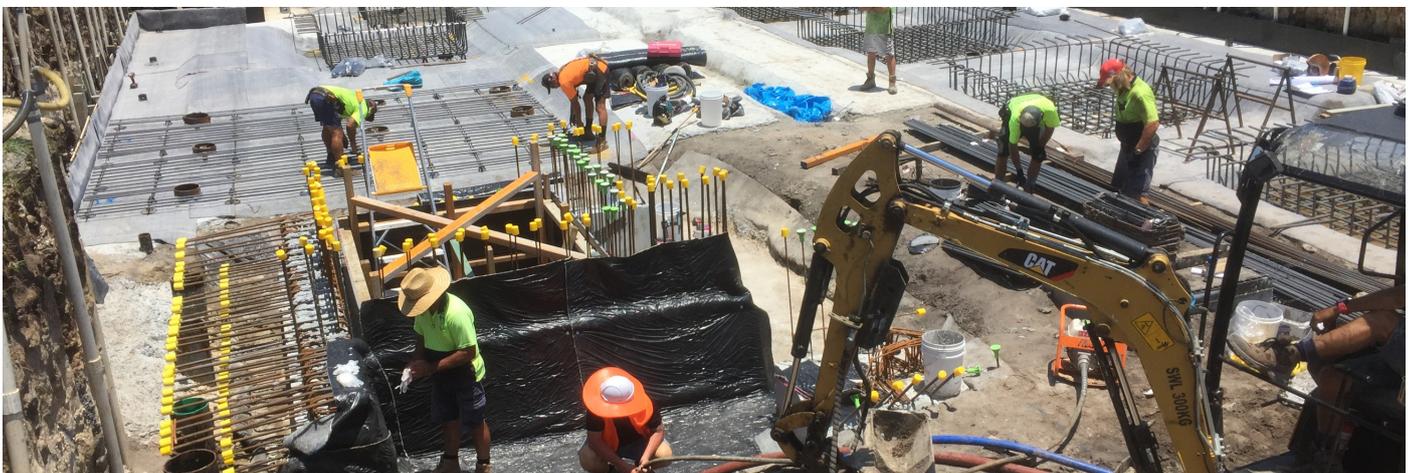
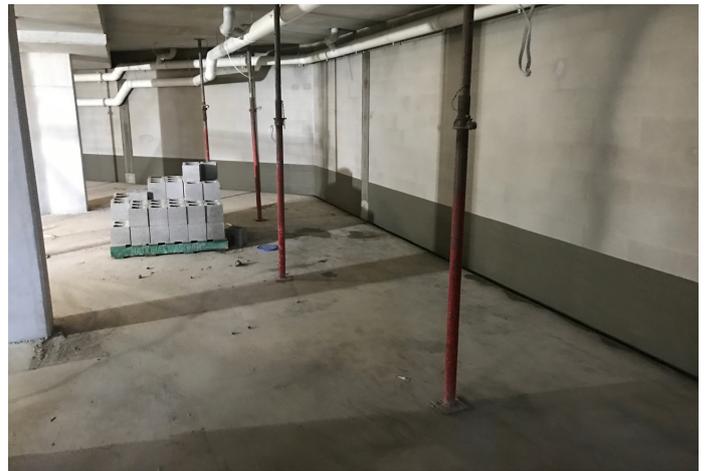
TYPE A WATERPROOFING CASE STUDY

Boutique Medium Rise Apartment Building - Anglers Esplanade, Runaway Bay

Dryspace Solutions was contracted to undertake the waterproofing of this luxury apartment complex before construction commenced. Works included the design and installation of waterproofing systems to the entire building, including the basement, bathrooms, balconies and roof decks.

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

- Underslab bentonite sheet membrane
- External wall bentonite sheet membrane
- Waterstops where required
- Detailing and sealing of pipe penetrations
- Application of waterproofing membrane to the podium slab level
- Application of a negative hydrostatic membrane to selected high risk walls on the internal basement walls



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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