



TYPE C BASEMENT WATERPROOFING SYSTEMS

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A Type C system is defined as a below ground, maintainable waterproofing system, comprising of membranes, drainage and pumping systems where necessary.

As part of the BS8102:2009, it is considered 'accepted' that water has the potential to enter a building. The Type C membrane creates an internal cavity that allows the water to depressurise and manage the water.

Once the water is collected it is then discharged from the property via natural stormwater or sump pump systems.



Image courtesy of Newton Waterproofing UK

Type C systems are typically applied to:

- Internal below ground walls, floors and sometimes vaulted ceilings
- Above ground masonry walls where condensation and moisture ingress can be an issue
- Used in conjunction with both Type A and Type B systems to create a complete waterproofing solution



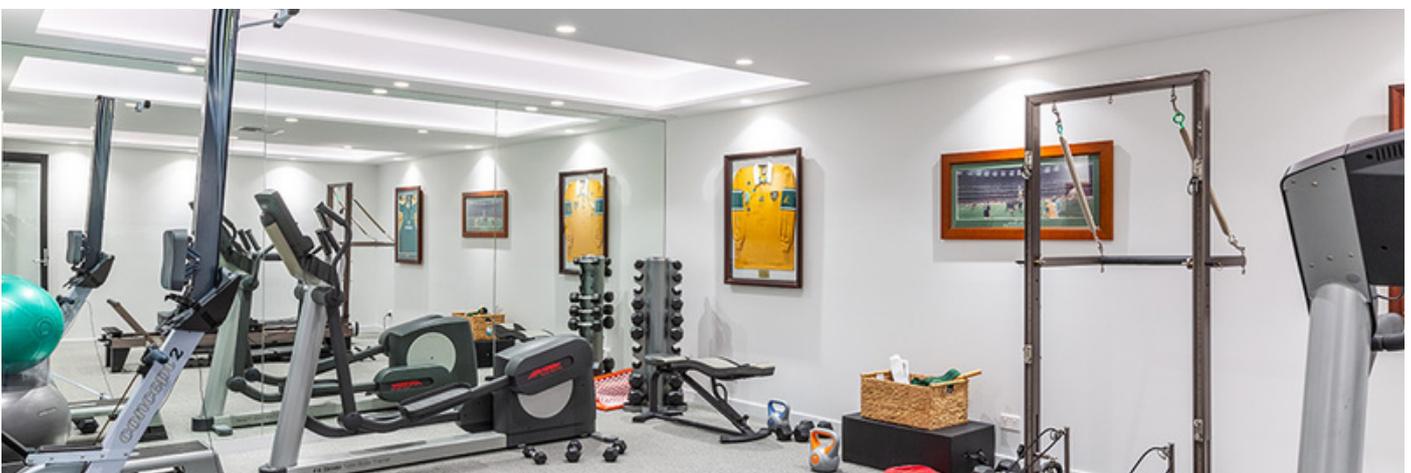
TYPE C WATERPROOFING CASE STUDY

"Palm Springs' Luxury Residence, Sanctuary Cove, QLD

This custom built, luxury home was designed with a full habitable space basement which included a media room, gym and cellar. It was originally constructed with an external sheet waterproofing membrane which was compromised during the back-filling process, resulting in substantial water ingress into the basement, even during rain free periods.

Dryspace Solutions specified and installed a Type C, Cavity Drain membrane system to both the walls and the floors, draining into the two sump systems that were in place.

The cavity drain systems handles both the freewater ingress, moisture vapour and condensation to produce a totally dry, internal habitable space.



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

General Enquiries
www.dryspace.com.au
E: info@dryspace.com.au
P: 0448 295 633

Jamie Stone
Managing Director
E: jamie@dryspace.com.au
P: 0447 965 633