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Al Stephen

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**Al Stephen**  
Managing Director @ Bentech Bentonite Heavy  
Duty Tanking/Waterproof GCL Membrane -...

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Rock, Paper, Scissors,,,, Water.

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Water - precious and life-giving - the single most dynamic force on the planet and it's been conquering & shaping our world since before time.

It also corrodes, permeates, erodes, cracks, rots, rusts or ruins nearly everything. Little wonder it's of paramount importance to keep it out of whatever you're building, unless it's a swimming pool, and not too many people live or work in those!

Water is the only natural substance that can exist simultaneously in three natural states; vapor, liquid and solid, all with very different properties and all able to change into any one or all three within minutes and only 4 degrees C of separation. It represents the most persistent natural threat to any structure, natural or man-made.

As fruit falls so water will flow, drain, soak, seep, wick or sweat into any and all spaces not built to prevent it. Given this threat to your structure, why?, in CFO's name, would you not *specify a proven natural product that self-heals as an effective risk management strategy?*

When the plan is to install, bury and forget the tanking, why?, for your own peace of mind (and that of your client) would you not *specify and install a product, already millions of years old, that will self-remedy any leaks that may appear throughout the service life of the tanked structure - no digging required.*

Of the buildings inspected post Christchurch earthquakes, those sustaining the least damage from liquefaction were tanked in **Bentonite GCL**. From the initial tremors, through the major quakes and for each of the thousands of aftershocks, Bentonite Clay was the first response, actively sealing leaks as they occurred, in real time. In doing so it's an unsung hero, a quiet achiever, science in action, protecting your building, for a lifetime.

To acknowledge the importance of a dry building, when the form and function of *everything* inside is at stake, and not specify *any self-healing* tanking membrane *could* be argued as negligent or at the least, not best practice. It's like having a 'get out of jail free' card and not using it! When the cost of remedial earthworks can run into many thousands per day, not to mention the damage to your professional reputation (ouch,,, that hurts!), it makes more than good business sense, strategically & financially, to specify a product that carries its own insurance policy. **Bentech Sodium Bentonite** is geology in action with many calling it the *only "bomb-proof" tanking solution available.*

### ***Rock Science - Not Rocket Science***

**Bentech Bentonite Geosynthetic Clay Liner** (GCL) waterproof tanking membrane is proud to be NZ's *only* CodeMark Certified GCL. It expands up to 800% upon hydration and, when confined between a structure and back-fill, i.e. *a rock and a hard place*, swelling creates a high pressure zone of extremely viscous clay 'gel' that flows into any low pressure spots, i.e., leaks, and seals them with an impervious clay plug able to withstand up to 70m of head pressure and is so environmentally safe you can eat it!

### ***THE SEVEN BEST REASONS TO SPECIFY BENTECH BENTONITE:***

**1. Bentech Bentonite** is NZ's ONLY Government approved, Codemark certified and DBH registered GCL tanking product and as such must be accepted by local authorities when granting building consents.

**2. Bentech Bentonite** is the best value tanking option on the market - period.

**3. Masterspec** is the leading specification system in NZ's building industry and used by over 1250 design practices.

**4. Quality Assurance** – We supply a superior product and are proud to provide the industry's only **25 year warranty**.

**5. Environmentally Safe** - Bentonite clay is environmentally inert with no hydrocarbon content whatsoever. It's a natural clay, crushed and stitched between two synthetic inert plastic sheets and installed back into the ground,, no chemicals and no hydrocarbon leaching, distillation or cracking.

**6. Durability** - Nothing has changed with **our product** in the past 100 million years and you can continue to specify it with supreme confidence.

**7. Performance - Bentech Bentonite** Heavy Duty GCL is **35% heavier** than any other GCL product on the NZ market. A heavier product means more expansion capacity to self-heal – it's Geology in action. We like to think of it like choosing between two car tyres – **both are made of EXACTLY the same compound but only one has 35% more tread AND a 25% longer warranty – for a significantly better price,,,**

***Which one do you choose for your family car?***

***(And that's not rocket science either!)***

**Click and connect with Al Stephen now and discuss your next bomb-proof tanking solution.**

**Specify Bentech Bentonite**

***“We excel between a rock and a hard place”***