

BENTECH BENTONITE TANKING SYSTEM



- Over 3 million m2 installed worldwide
- Codemark Certified Product
- ISO9000 accredited manufacturer
- NZ owned and operated company



BENTECH Bentonite obtains its high performance clay from a natural volcanic mine formed millions of years ago in Jilin Province, North East China. The mine itself is situated over 250 meters underground, and has thus far heeded more than 20 million tons of pure bentonite clay for production.



We researched it. We tested it. We found that Bentech Bentonite is not only a superior product, manufactured under rigorous quality control systems, but that since its inception in 1982, over three million m2 of product have been successfully installed across the world.

We are thrilled to introduce a truly competitive, tried and tested product to the New Zealand Market.



BENTECH PACIFIC LTD

p 021 565696 e info@bentechbentonite.co.nz

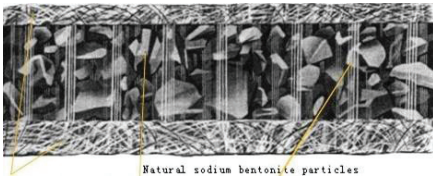
PO Box 25607 St Heliers, Auckland 1740

www.bentechbentonite.co.nz

"We excel between a rock and a hard place"

BENTECH
BENTONITE®

SYSTEM FEATURES AND BENEFITS



Bentech Bentonite is a 6.4mm thick GCL membrane, comprised of woven and non-woven geotextile, with a thick layer of natural sodium bentonite in the centre. Fibers of the two geo-textiles are interlocked by a patented needle-punching process which encapsulates the natural sodium bentonite, keeping it evenly distributed between the two layers of geotextile. We also offer an HDPE GCL, which is bonded to the thick non woven geotextile.

There are no second chances with tanking so it pays to get it right the first time round.

By choosing Bentech Bentonite you can be assured that you are purchasing a tried and tested, **Codemark Certified** product that comes with a full 20 year material warranty.

See us on the **DBH Codemark Register** at <http://www.dbh.govt.nz/product-certification-current-register>

WE KNOW TIME IS MONEY, SO WE'VE DONE THE RESEARCH FOR YOU...

BENTONITE PRODUCT COMPARISON

COMPANY	PRODUCT NAME	BENTONITE MASS per/m2
Allco Agencies	Voltex	4.9 kg/m2 (dry)
	Swelltite	3.1 kg/m2 (composite)
Bentech Pacific Ltd	Bentech Bentonite	5.5 kg/m2 (dry)
	Bentech Bentonite HDPE	5.5 kg/m2 (dry)
Sika NZ Ltd	Sikaproof Bentonite	4 kg/m2 (dry)
WPS Ltd	Rawmat	7.9 kg/m2 (pre hydrated)

BENTECH BENTONITE NATURAL SODIUM BENTONITE GCL PROPERTIES

ITEM	PHYSICAL PROPERTY	VALUE	UNIT
1	Thickness	6.4	mm
2	Bentonite Mass Per Unit	5.5	Kg/m2
3	Grab Tensile Strength	>530	N
4	Bentonite Swell Index	>24	ml/2g
5	Permeability	<5.0 X 10-09	cm/sec
6	Puncture Resistance	>620	N
7	Elongation	10	%
8	Hydrostatic Pressure Resistance	70	m
9	Low Temperature Flexibility	Unaffected at -32°C	
10	Peel Strength	>65	N
11	Peel Adhesion to Concrete	>2.6	kN/m2
12	Peel Strength, HDPE	>40	N