



[Type a caption for your photo]

A BGM is a composite material with several constituents to attain the desired overall material properties. They typically consist of non-woven geotextile and glass fleece or polyester layers impregnated with and encapsulated in elastomeric bitumen, with a sanded surface on one side for enhanced friction and an anti-root layer on the other. The geotextiles dictate the mechanical properties of the BGM, while the elastomeric bitumen provides waterproofing, chemical resistance and protection from ageing. The glass fleece is used for manufacturing purposes. It ensures stability of the geomembrane during impregnation of the geotextile with hot bitumen.



Who We Are

About Us

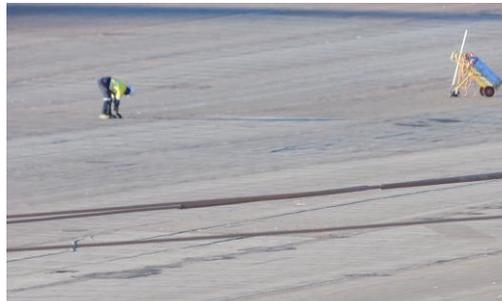
GDT Lining Systems have been active in the lining industry for 30 years and have wide experience with different liner types including Bituminous Geosynthetic Liner. **GDT has installed the largest Bituminous Geosynthetic liner in Australia in Mount Isa.** The company always prides itself on the Quality produced and the formality of its quality assurance.

Contact Us

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GDT
LINING
SYSTEMS
PTY LTD

*Bituminous Geosynthetic Liners
(BGL)*



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Our Mission

GDT Lining has a mission to improve the industrial landscape by containing any harmful waste. We accept that waste is a bi-product of our industrial society. We aim to mitigate the downside to a level which is acceptable, by limiting the spread and effect of waste materials on everyday life.



Bituminous Geosynthetic Liner is a premium product which performs well when treated with care by people who know what they are doing

Special care is required when unloading and storing a BGL. Specially prepared laydown areas are required with special support for the rolls to prevent deformation of the material before the laying process is commenced.

Quality Assurance

Special tensile testing machines are required on site to test the weld strength. The machines are required to have wide grips and long travel to test properly. Machines suited to HDPE can not be used with BGM.



Bituminous Geosynthetic Liner laid at Mount Isa by GDT Lining Systems Pty Ltd



Figure 1 Quality Assurance Work is important with BGL

Our Products and Services

We provide services in other areas including the supply and placement of HDPE and polypropylene liners, floating covers and general waterproof membranes and dam liners.