



RETAINING TECHNOLOGIES

• G R O U P •

**Retaining & Soil
Reinforcement Specialists**



Retaining & Soil Reinforcement Systems Specialists

The Retaining Technologies Group (RTG) is a leading provider of Retaining & Soil Reinforcement Solutions for the Civil, Commercial and Residential Construction industries throughout Australia.

Spearheaded by a team of specialist Civil & Geotechnical Engineers with over 100 years of combined industry experience, we harness our knowledge and expertise in design, construction and the latest product innovations to achieve optimal outcomes for our clients.

We pride ourselves on solving 'engineering challenges' and providing a practical 'real-world solutions' approach to temporary, permanent, and remedial project works.

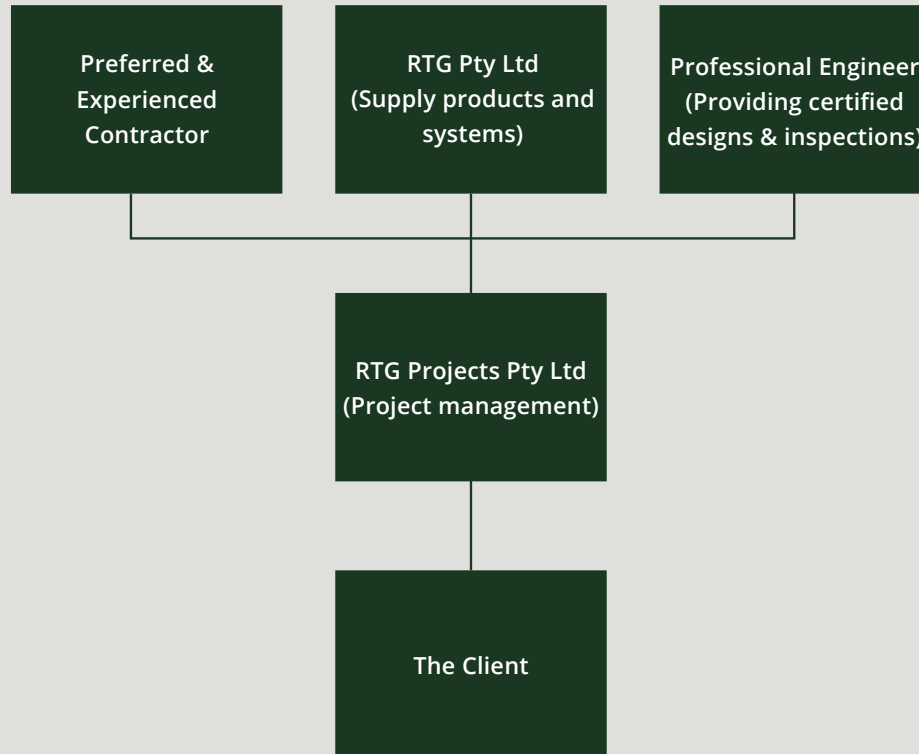
RTG's experienced team can provide a tailored solution for your ground stabilisation project. Our ability to undertake a site inspection and assessment, conduct geometrical surveys and geotechnical investigations enables us to provide cost-effective solutions for your project.

Our Services:

- ▶ Supply of Proprietary Products & Systems
- ▶ Design & Supply Services
- ▶ Project Management & Supervision
- ▶ Construction & Installation
- ▶ 'Turnkey Project' – complete design, supply, installation and management

Our Tailored Service Approach

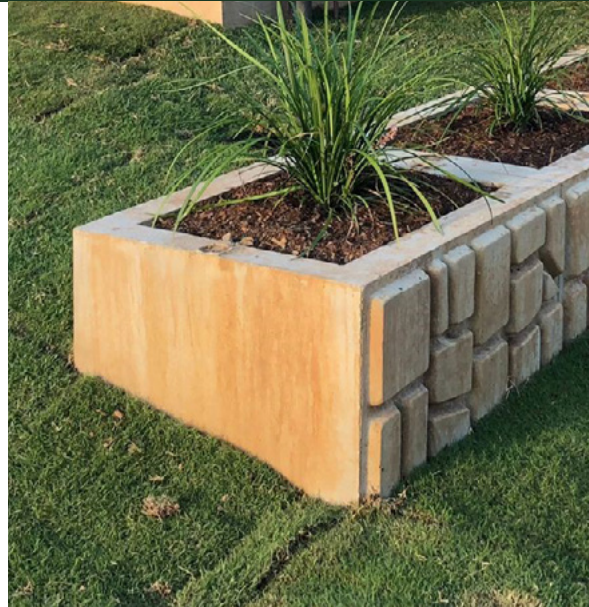
RTG appreciates that each project is unique and has different requirements. In recognition of this, we offer our clients the option to choose the services they require for their project from product supply through to a full comprehensive 'Turnkey' service.



RTG Modern Block

The RTG Modern Block is an innovative, engineered concrete block retaining wall system, suitable for temporary and permanent retaining structure applications for residential, commercial and civil infrastructure projects.

As Professional Engineers, RTG consults with our clients to provide cost effective retaining wall and slope stability options. The RTG Modern Block is attractive and practical with its unique 'hollow core' characteristic, enabling the block to be designed to accept concrete piles, anchor systems and geogrid reinforcement technologies. With Engineer approval, the Modern Block's central-void can also facilitate the reuse of 'site won' soil material making it a sustainable and cost-effective solution for any retaining wall project.



Aesthetically pleasing & light weight, the Modern Block is available in a range of colour & style options, or alternatively, our clients can discuss their own bespoke facing design ideas with our team.

The choice to complete projects using the specially designed capping or to use the Modern Block as a decorative planter feature, provides an attractive landscaping design option.

Why Choose the RTG Modern Block System?

Suitable For: Mass Gravity and Mechanically Stabilised Earth (MSE) Retaining Walls.

- ▶ Rapid installation
- ▶ Anchored & Concrete Pile 'constructable' retaining wall for hybrid solutions
- ▶ Aesthetically pleasing with bespoke block facings available
- ▶ Sustainable & cost effective
- ▶ Designed & manufactured in Australia

Available in a range of colours, block designs and style options.





RTG Anchoring & Nailing Systems

Retaining Technologies Group's (RTG's) experienced team of Geotechnical and Structural Engineers can provide tailored solutions for temporary, and permanent works ground stabilisation projects.

RTG's ability to conduct geometrical surveys, geotechnical investigations and/or implement trial anchor installations ensures we provide the best solution for every soil nailing and rock anchoring project including:

- ▶ Erosion Control
- ▶ Stabilisation of Cuts & Embankment Fills
- ▶ Temporary & Permanent Embankment Stabilisation
- ▶ Retaining Wall Remedial Measures
- ▶ Rock Retention

Why Choose RTG Anchoring Systems?

- ▶ Percussion Driven Earth (Mechanical) & Grouted Anchoring Systems
- ▶ Temporary & Permanent Works Applications
- ▶ Holding Down & Embankment Stability
- ▶ Option to include: design, installation, technical support and onsite supervision
- ▶ Designed & manufactured in Australia

Holding Down Applications

Australia experiences some of the world's most extreme weather conditions, ranging from high winds to category 5 tropical cyclone events. RTG can provide a complete 'turnkey' package for numerous holding down (temporary & permanent) applications suitable for:

- ▶ Buildings
- ▶ Storage Containers
- ▶ Portable Offices, Kitchens & Accommodations
- ▶ Awnings & Scaffolding
- ▶ Grandstands & Staging
- ▶ Trees



RTG Pavement Improvement & Ground Stabilisation Systems (RoadCem)

As experts in ground stabilisation techniques, the Retaining Technologies Group (RTG) is Australia's licensed distributor for RoadCem, a revolutionary Geo-stabilisation technology used successfully worldwide for the stabilisation of earthworks, road building and hydraulic engineering projects.

As a fine powdered blend, RoadCem enables the binding of all types of material such as clay, sand and peat by enhancing its physical properties to form a long-lasting road hardening improvement layer prior to pavement construction. By enabling the use of insitu material, RoadCem is both a cost effective and sustainable ground stabilisation solution, which can be used for a diverse range of applications including:

- ▶ Hydraulic Engineering Projects & Dams
- ▶ Embankments & Slopes
- ▶ Road Construction
- ▶ Earthworks





Why Choose RoadCem?

- ▶ Cost-effective solution for in-situ subgrade improvement and extending the service life of pavements and providing lower maintenance costs.
- ▶ Providing water resistant and durable stabilised pavement layers that have been tested worldwide in extreme high rainfall and flooding areas – providing roads with a resilience to flooding!
- ▶ Delivering a sustainable solution with the utilisation of on-site material, shortening the construction period and saving on transport costs.
- ▶ Can be used with higher organic content soils/mixed soils and ideal for acid sulphate soils.
- ▶ Potable water not required and saline water suitable for application.
- ▶ Design, installation, technical support, and onsite supervision services available.





Project: Pillow Talk, Kiln Street, Darra, Queensland

Client: Hutchinson Builders

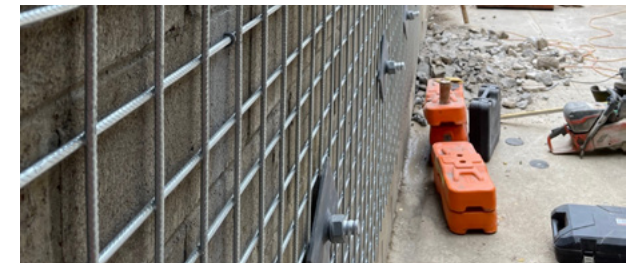
Scope: RTG managed and delivered a complete turnkey project of design, supply & installation of a permanent anchored shotcrete retaining wall.



Project: Citipointe Early Childhood & Care Centre, Brisbane, Queensland

Client: Citipointe Early Childhood & Care Centre

Scope: RTG managed and delivered a complete turnkey project of design, supply & installation of a mass gravity retaining wall using the RTG Modern block with a bespoke face requested by the client.



Project: Moran Street, Brisbane, Queensland

Client: Profile Build Group

Scope: RTG managed and delivered a complete turnkey project of design, supply & installation of a permanent anchored remedial works solution to a 4m high existing retaining wall.



Project: Magura Street, Brisbane, Queensland

Client: Epoca Constructions Pty Ltd

Scope: As part of the demolition of an old 1970's footbridge and the construction of a new pedestrian footbridge, RTG designed and supplied a permanently anchored remedial works solution to the existing abutments and shotcrete wall.

Project: Moggil Road, Brisbane, Queensland

Client: Versatile Structures

Scope: RTG managed and delivered a complete turnkey project of design, supply & installation of a micro-piled foundation solution to support a 9m high digital billboard.



Project: Palm Beach to Tugun (PB2T), Gold Coast, Queensland

Client: Seymour Whyte Constructions

Scope: RTG supplied its Modern Block retaining wall system and provided technical support and site supervision during the installation.

The image features a large, dark green diagonal graphic that divides the frame. On the left side, the RTG logo is displayed in a bold, green, sans-serif font. Below it, the words "RETAINING TECHNOLOGIES" are written in white, all-caps, sans-serif font, followed by "GROUP" in a smaller, green, all-caps, sans-serif font, flanked by two small green squares. The background is a collage of construction-related images: a blue and yellow train car at the top, a long concrete retaining wall under construction in the middle, and a yellow excavator working on a slope covered in grey geotextile fabric at the bottom right. The overall scene is a construction site under a cloudy sky.

RTG
RETAINING
TECHNOLOGIES
▪ G R O U P ▪

1300 894 808

www.retainingtechgroup.com