

Pavement recycling and stabilisation

Cost-effective and sustainable pavement solutions

Our pavement stabilisation and recycling business provides cost-effective and sustainable solutions for the construction and maintenance of key infrastructure assets.

Did you know?



Stabilisation is a sustainable solution for roads, ports, rail corridor formation, air fields, race tracks, and more



Pavement permeability is improved, overcoming one of the main pavement failure risks of water ingress



Re-use of existing materials presents a sustainable asset-renewal option for eco-conscious municipalities



Stabilisation can transform a previously unsuitable material into Australian-Standard compliant pavement



Sustainable in-situ pavement recycling eliminates costly landfill, transport, and excavation, while delivering a high-quality, renewed asset



Long-term strength gains and improved wearing characteristics are achieved, also reducing maintenance costs over the life of the pavement



Binder materials include foam, emulsion, fly ash, and slag, in addition to the traditional lime and cement



Construction time is drastically reduced along with greenhouse gas emissions and project costs



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With varying traffic volumes, vehicle types, age, environment, topography and economic value, Australia's vast transport infrastructure network requires construction and maintenance methods that deliver high-quality asset renewal within the budgets of road authorities and asset owners.

Through cost-effective and sustainable re-use of existing pavement materials, stabilisation provides a myriad of cost-effective pavement improvement benefits.

Our approach

We build strong relationships of trust with our customers, truly understanding and predicting their needs, and bringing them world-leading insights and solutions.

Our approach is underpinned by ecologically-minded, industry-leading systems and innovation, supported by our national research and development laboratory, our impressive fleet of specialised plant and equipment, and our commitment to safety, environment and sustainability through industry-awarded Zero Harm programs.

“Our teams investigate, inspect, and test to support the most beneficial design options for our customer's unique asset and budget requirements, delivering high-quality asset renewal within a sustainable framework.”

Matt Billings
National Operations Manager, Stabilisation