



**STABILISED  
PAVEMENTS  
OF AUSTRALIA**  
PTY LTD  
**STRENGTH • FLEXIBILITY**



# Mining & Resources Capability Brochure

# MINING & RESOURCES

Stabilised Pavements of Australia (SPA) delivers high-performance stabilisation and pavement rehabilitation solutions specifically designed for the demanding conditions of mining and resource sector operations. From heavy haul roads to remote access infrastructure, SPA provides engineered, durable and cost-effective treatments that support safer operations, improved productivity and reduced lifecycle costs.

Our capability spans across haul roads, hard stands, access roads, ROM areas or wherever a solid foundation is required along with deep lift treatments, foamed bitumen and emulsion, cementitious recycling and full construction support for mine sites across Australia's harshest climates.

## Our Mining & Resources Capability

- Haul road stabilisation and strengthening
- Deep lift treatments for heavy axle loads
- Foamed bitumen for high-volume, high-stress traffic environments
- Emulsion stabilisation for increased impermeability and flexibility under heavy pavement loadings and increased saturation
- Cementitious stabilisation for granular and variable materials
- Earthworks and Subgrade improvement and moisture-sensitive material treatment
- Access and construction roads for remote environments
- Bulk earthworks and shape correction
- Surface preparation for sealing or heavy-duty surfacing
- Full project delivery integrated with mining operations



## Benefits for the Mining Sector

- **COST EFFECTIVE** – stabilisation reduces import material, haulage and maintenance spend
- **RESILIENT** – treatments withstand extreme weather, high tyre pressures and heavy truck traffic
- **SUSTAINABLE** – recycling site material reduces quarry reliance and environmental footprint
- **QUICK** – fast construction minimises downtime and maintains production continuity
- **WATER SAVINGS** – significant cost and water savings in the need for dust control with reduced watering applications along with reduced need to spray expensive dust suppression chemicals





**STABILISED  
PAVEMENTS  
OF AUSTRALIA**  
PTY LTD  
STRENGTH • FLEXIBILITY

## Engineered Performance for Extreme Conditions

SPA's stabilisation systems are engineered to handle high traffic stresses, variable material sources and extreme environmental conditions typical of mining regions. Our solutions improve:

- Skid resistance and safety for operators
- Reduced rolling resistance for improved fuel efficiency and machine running costs
- Drainage performance and surface integrity
- Dust control through bound and stabilised layers
- Whole-of-life pavement durability
- Operator comfort by reducing vibration and surface defects



## Project Outcomes

SPA has delivered stabilised haul roads and mine access routes that consistently outperform traditional granular overlays. In many cases, stabilisation has reduced maintenance intervention cycles, improved fleet productivity and delivered smoother and safer travel paths for heavy machinery along with reduced operator fatigue. Stabilised haul roads offer significant reduction in visual airborne particles resulting in superior vision for operators along with reduced risk of respirable dust exposure for operators.



## ABOUT US

Founded in 1983, Stabilised Pavements of Australia (SPA) is an independent Australian-owned company delivering specialised stabilisation, recycling and rehabilitation services nationwide. With extensive experience across mining, industrial, civil and government sectors, SPA provides fit-for-purpose, high-performance pavement solutions supported by engineering expertise and advanced plant technology.

## SPA Business Divisions

- Earthworks Stabilisation
- Profiling
- Concreting & Civil
- Sealing
- Major Rehabilitation
- Mining & Resources
- Airfield, Port & Rail Projects
- Pavement Recycling



**STABILISED  
PAVEMENTS  
OF AUSTRALIA**  
PTY LTD  
**STRENGTH • FLEXIBILITY**

# CONTACT

One contractor. One coordinated program. Better outcomes for road owners and road users.

Scan QR code to link to our projects



[stabilisedpavements.com.au](http://stabilisedpavements.com.au)