

# On the right track with Mackay

## RAIL

### PRODUCTS & SERVICES

- Primary suspension elements. Locomotives and passenger rolling stock.
- Secondary suspension elements. Locomotives and passenger rolling stock.
- Coil spring resilient pads.
- Traction pads.
- Engine and transmission raft suspensions.
- HVAC system resilient mounts and Seals
- Stereable bogie elements.
- Shock absorber support bushes.
- Drawbar, resilient slack adjuster wedges.
- General products

### CAPABILITIES

- FEA design and validation.
- Unigraphics CAD design.
- Analysis for Modal vibration studies.
- NATA certified laboratory.
- Full formulation development and testing.
- Broad range of rubber processes.

### QUALITY ASSURANCE

ISO 9001  
ISO 14001  
ISO/TS 16949



CERTIFIED QUALITY MANAGEMENT SYSTEM  
ISO 9001



CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM  
ISO 14001



Mackay Rubber is well established as designer and manufacturer of Engineered Rubber Products for the Australian Rail Industry, supplying both aftermarket replacement parts and original equipment to locomotive and passenger rail applications.

The Australian rail network is characterised by relatively poor track conditions, wide environmental temperature range ranges (-5°C to 50°C) and three gauges of track; narrow gauge at 3' 6"; standard gauge at 4' 8.5" and broad gauge at 5' 3".

Australian fleets are relatively small, requiring suppliers and manufacturers to establish economic manufacturing around small delivery quantities. Recent examples of orders for rollingstock have been for 7 2-car passenger DMU's and 7 locomotives.

Mackay has established itself as Australia's leading designer and manufacturer of elastomeric components based around small volumes for a wide variety of environments.

Mackay offers an alternative when order quantities, specifications are high and lead-times are short.

Well established as a leading manufacturer in Australia, consider Mackay when the alternatives offer on long lead-times and large minimum orders.



Worldwide  
Engineered  
Rubber  
Products

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