

High RAP Asphalt

Turning existing roads into new opportunities

Downer's High Recycled Pavement (RAP) asphalt capability helps regional customers transform existing road materials into high-performance pavements. By recovering and reusing RAP, we reduce reliance on virgin aggregates and bitumen while supporting circular economy outcomes.

RAP from existing pavements is crushed, screened, tested and incorporated into new asphalt mixes. Modern High Recycling Technology plants heat RAP separately and gently, preserving binder quality and enabling higher recycled content without compromising performance.

Customer benefits include:

- A lower-carbon solution that supports council and road authority sustainability objectives.
- Reduced reliance on virgin aggregates, imported bitumen and long-haul transport.
- A practical way to retain value from existing road assets and keep materials in use.
- A useful option for local roads, regional highways, subdivisions and renewal programs.
- Can be tailored to local specifications, available materials, traffic conditions and project needs.



Contact Downer Road Services

For capability, specification and project discussions

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Supported by advanced recycling facilities and established regional delivery capability, High RAP asphalt helps customers reduce material demand, support supply resilience and maximise whole-of-life asset value.

Downer can work with customers to assess RAP availability, project conditions, mix design requirements and specification pathways so recycled-content asphalt is matched to the right network need.

Why customers choose it

- Aligns road maintenance with sustainability objectives
- Turns existing road pavement into useful infrastructure
- Supports price resilience and reduced material exposure
- Helps strengthen local supply chains and regional delivery
- Can support procurement and community sustainability narratives

Specification support

Downer can work with customers to confirm suitability, understand local requirements and develop project-specific surfacing options.

A customer-focused recycled asphalt solution



Reuses valuable reclaimed asphalt pavement in new road surfacing materials



Helps customers lower embodied carbon and refuse landfill outcomes



Supports resilient asphalt and pavement renewal applications



Improves local material reuse and regional supply resilience



Designed around specification-compliant performance and quality control



Reduces exposure to virgin material, bitumen and haulage pressures