

Crumb Rubber

Sustainable road surfacing using end-of-life tyres

Downer's crumb rubber capability converts end-of-life tyres into high-performance spray sealing solutions that improve road durability while supporting circular economy outcomes.

Crumb rubber is made from finely processed end-of-life tyres and can be blended into bituminous binders to create rubber-modified surfacing solutions.

Customer benefits include:

- A surface solution designed to support road durability, flexibility and resistance to cracking
- A practical pathway to divert tyre waste from landfill and give valuable resources a second life.
- A useful option for councils, road authorities, airports, industrial estates and regional networks.
- Dedicated mobile crumb rubber blending units ("Rubber Ducky" plants) that allow binders to be blended on-site, supporting remote and regional projects where logistics are challenging.
- Can be tailored to customer requirements, local specifications and project conditions.



A customer-focused circular road surfacing solution



Reuses end-of-life tyre rubber in road surfacing materials



Supports resilient asphalt and sprayed sealing applications



Can be adapted for local project conditions and material availability



Helps customers demonstrate sustainability leadership



Supports field blending for remote or regional work sites



Delivered using established road surfacing practices

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Supported by dedicated mobile blending units and a national delivery network, our crumb rubber products help customers reduce waste, enhance pavement performance and maximise whole-of-life asset value.

Our national spray sealing operations are capable of delivering crumb rubber seals alongside conventional and polymer-modified surface treatments.

Multiple Applications

- Local roads and council networks
- Regional highways and remote access roads
- Industrial and logistics precincts
- Airport and heavy-duty pavement environments
- Patches, overlays and renewal programs

Why customers choose it

- Aligns road maintenance with sustainability objectives
- Turns a visible waste stream into useful infrastructure
- Industrial and logistics precincts
- Airport and heavy-duty pavement environments
- Patches, overlays and renewal programs

Specification support

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



Contact Downer Road Services

For capability, specification and project discussions

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