

Reconophalt LVR75

A re-engineered AC10 asphalt mix for sustainable local road networks

An AC10 asphalt mix incorporating 75% reclaimed and re-engineered materials, developed as a comparable alternative to existing 10%, 30% and 50% RAP Low Volume Roads (LVR) mixes, while delivering enhanced sustainability outcomes.

Why Consider Reconophalt LVR75?

Industry has successfully adopted Low Volume Roads asphalt mixes containing 30–50% Reclaimed Asphalt Pavement (RAP) over many years, including widespread use in local government reseal and rehabilitation programs. Reconophalt LVR75 builds on this established practice, by re-engineering materials to deliver a performance-based asphalt product with enhanced sustainability outcomes, without changes to construction methodology.

Did you know?

A 1000t road paved with Reconophalt LVR75 will divert from landfill:



670 tonnes
recycled asphalt pavement



342,000
glass bottle equivalents



868,000
plastic bag equivalents

Creating a saving of:



22.5 tonnes
carbon dioxide equivalent



equivalent to
10.3 cars
off the road for one year

Contact

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Where to use

Suitable for use on local and residential streets, low-volume connector roads, car parks, footpaths and shared paths, as well as for patching and maintenance overlay works.

The mix has been designed with consideration of AS 2150 requirements and relevant DIT performance guidelines, whilst incorporating additional binder content and lower voids to enable the high recycled material content.

Application

Laid in the same way as standard asphalt mixes using conventional paving equipment, allowing seamless integration with existing construction practices and efficient on-site deployment.

Sustainability Credentials

- 75% reclaimed and re-engineered material, including
 - Processed glass bottles diverted from landfill
 - Reclaimed asphalt pavement from end-of-life roads
 - Recovered toner materials
- Reduced reliance on virgin materials
- Supports diversion of end-of life asphalt from landfill
- Lower embodied carbon compared to conventional asphalt.

Benefits include



Comparable in application to existing C170 Low Volume Roads asphalt mixes, with no change to construction methods



Reduced reliance on virgin bitumen and aggregate through the use of reclaimed and re-engineered materials, supporting council sustainability and circular-economy objectives



Performance tested to deliver resistance to deformation suitable for low-volume road applications



Reduced material costs by re-engineering locally reclaimed materials