

RCC Range

Product Information Sheet

Delivering sustainable engineering solutions to the construction and infrastructure sectors.



Recycled Crushed Concrete

Green Vision Recycling can offer a full range of Recycled Crushed Concrete (RCC) aggregate products, processed and sourced from local concrete waste streams. In recent years recycled RCC products have won favour with customers who have appreciated the ease of compaction, higher yield and high performance of these materials.

These benefits have also been acknowledged by client specifiers who have now developed acceptance criteria for the use of high quality RCC products as an alternative to the more traditional finite natural aggregate sources.

Mitigating environmental impact

The initial production of concrete generates a significant carbon footprint resulting from the high fuel and energy consumption required in cement manufacture. As an industry we can mitigate this environmental impact by ensuring concrete products are re-processed as many times as possible, to maximise the contribution they offer to the built environment.

A full range of Recycled Crushed Concrete (RCC) aggregate, granular fill sub-base, and basecourse products is available in the following sizes:

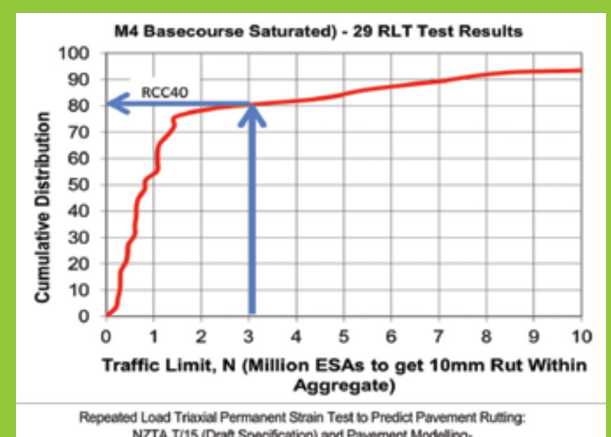
- Graded All Passing 100mm
- Graded All Passing 65mm
- Graded All Passing 40mm
- Graded All Passing 20mm



Excellent resistance against wheel track rutting

The most common cause for premature pavement failure is deformation (rutting) occurring in subbase and basecourse layers under trafficking. Under independent laboratory conditions Green Vision Recycling's RCC products were subject to repeat load triaxial performance testing.

“This result for Recycled Crushed Concrete, which ranked in the top 20% of M4 Basecourse aggregates, is better than most crushed rock NZTA M4 Basecourse aggregates”. Dr Greg Arnold – Pavespec.



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