

Gravel Grip⁴⁰

Overview

SCE Recycling produces Gravel Grip⁴⁰, a high quality pavement material suitable for unsealed pavement applications. Gravel Grip⁴⁰ is a 100% recycled product produced using a specific blend of slag products generated from steelmaking, recycled construction and demolition material along with flyash from the combustion of Australian black coal.



Constituents are imported separately and stockpiled at our two EPA licensed Resource Recovery facilities located at Mayfield and Wollongong NSW. They are then processed using the latest equipment into their specific requirements for blending into the final product.

Gravel Grip⁴⁰ sampled and tested in accordance with PoEO Waste regulations (2014) to ensure compliance against General and or Specific Orders prior to Blending and sale.

SCE Resources also has the ability to adjust production to meet contract specific requirements. This is supported by our Technical team with over 30 years of experience in material design and placement methods.

Technical Data

Typical Physical Properties:

*note - all results are indicative only. *values obtained using test method RMS T111 standard compaction.*

MDD*: (Maximum Dry Density Tested on -37.5mm material)	2.02t/m ³
MWD*: (Maximum Wet Density Tested on -37.5mm material)	2.30t/m ³
OMC*: (Optimum Moisture Content Tested on -37.5mm material)	14.0%
CBR*: (California Bearing Ratio Tested on -19.0mm material)	>100%
PI: (Plasticity Index)	<6%
UCS*#: (Unconfined Compressive Strength)	1-1.5MPa

Indicative Grading

Sieve Size (mm)	Gravel Grip ⁴⁰
53.0	100
37.5	95
19.0	80
9.5	70
4.75	50
2.36	35
0.425	20
0.075	10

Gravel Grip⁴⁰ is a self cementing lightly bound pavement material. Bound pavement practices should be adopted when placing the material. It is advised not to place under or behind confined structures. (Refer Technical Manager).

Common Applications

- Haul Roads - An all season high load bearing material suitable for use in areas of soft ground providing a trafficable working platform, or where there is a requirement for increased durability during wet weather events.
- Hardstands - Suitable for pavement construction in moist/ soft areas requiring high load bearing strength along with reduced wear and dusting properties.

SCE Resources is committed to exceeding customer expectations and is accredited to:

- ISO 9001:- Quality Management Systems
- ISO 14001:- Environmental Management Systems
- AS/NZS 4801:- OH&S Management Systems

Benefits

Benefits from using recycled materials from SCE Recycling in civil works include:

- Protecting stocks of natural resources.
- Protecting the environment from further degradation.
- Potential cost savings.
- Assisting local government and industry to ensure development is ecologically sustainable.
- SCE Recycling is a sustainably responsible local business with health, safety and the environment at the forefront of all operations.

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