

DGB20

Supplied to RMS specification 3051 Ed6

Hebden DGB20 pavement material provides the asset owners with confidence the evaluated design life of the pavement will not be compromised due to poor product selection.

Overview

Hebden Quarries is a privately owned and locally operated business producing quality pavement materials from natural ignimbrite sourced rock at our Hebden Quarry located in the Hunter Valley NSW.



Hebden Quarries have been operating for over 12 years supplying the civil construction, rail and mining sector with a quality and reliable source of quarry materials meeting many various specifications.

The natural sourced rock is won using hard rock blasting techniques. The shot rock is then crushed, screened and stockpiled using the latest technical and 'industry best practice' methods providing a reliable and homogenous product.

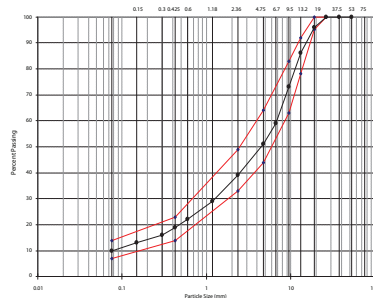
Hebden Quarries also has the ability to adjust production methods to meet contract specific requirements. This is supported by our Technical team with over 30 years experience in materials design and placement methods.

Technical Data

Typical Physical Properties :

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

MDD*: (Maximum Dry Density)	1.95t/m ³
MWD*: (Maximum Wet Density)	2.20t/m ³
OMC*: (Optimum Moisture Content)	12.5%
CBR*: (California Bearing Ratio)	>100%
PI: (Plasticity Index)	>2 and <6
UCS*: (Unconfined Compressive Strength)	<1.0MPa
Wet Strength:	250kN
Wet Dry Variation:	<25%



Indicative grading
(Envelope - RTA 3051 DGB20 Ed6):

DGB20 material is placed in uniquely identified stockpiles of maximum 4000t lots and certified using an independent laboratory issuing NATA accredited reports. Material can be supplied to Edition 5 or Edition 6 depending on your application.



Common Applications

- Predominantly used in the construction of State highway and Council road infrastructure, but can be used in any application requiring a high quality durable pavement material.
- DGB20 material (by prior arrangement) can be moisture conditioned and delivered close to OMC, minimising contractor delays on-site before achieving the correct moisture for compaction.

Hebden Quarries has been granted an exemption from pre-treatment testing of Hebden DGB20 in accordance with RMS QA Specification 3051 Ed6 section 5.4 having consistently demonstrated the material is durable and sound.

Hebden Quarries 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 Hebden Quarries DGB20 in your civil works include:

- Consistent quarry source with homogeneous physical properties.
- Reliable uninterrupted supply. Your material will arrive at your work site when you need it.
- Hebden Quarries is a sustainably responsible local business with health, safety and the environment at the forefront of all operations.

The information contained in this Product data sheet while accurate for general consideration, no warranty is expressed or implied regarding the accuracy of this data on specific applications. Information is furnished upon the condition that the user shall obtain specific advice and/or carry out tests to determine suitability for a particular purpose and for specific site and application conditions. Sales specifications, although current at the time of publication, are subject to change due to the process improvements. For the latest product specifications or usage contact Hebden Quarries.