

PRODUCT DATA SHEET: Type 2.3 C (20mm) Roadbase

Applications

This material is typically used in the construction of the roads; this may include the subbase, the base and, the shoulders of the pavement.

Technical Properties

Property	Specification		Typical Result
Particle Size Distribution	(% Passing)		(% Passing)
19.0mm	80 - 100		100
9.5mm	55 – 90		79
4.75mm	40 – 70		61
2.36mm	30 – 55		37
0.425mm	12 – 30		15
0.075mm	5 – 20		7
Fines Ratio	0.30 – 0.65		0.48
Moisture (%)	---		5.0
Flakiness (%)	Maximum	40	24
Wet Str (kN)	Minimum	90	245
Dry Str (kN)	---	---	327
W/D Variation (%)	Maximum	40	25
Linear Shrinkage	Maximum	4.5	2.3
Liquid Limit	Maximum	28	19.2
Plastic Limit	---	---	16.1
Plasticity Index	Maximum	8	3.1
Weighted Linear Shrinkage	Maximum	110	34
Weighted Plasticity Index	Maximum	200	47
Washington Degradation Value	Minimum	35	67
CBR MDD	---		2.18
CBR OMC	---		7.3
CBR %	Minimum	45	95

Additional Requirements

Assessment and certification to the QLD TMR “Quarry Registration Scheme”.

Note:

Typically hard rock materials that are available within the region are quarried from Metagreywacke deposits. These products have a tendency to change colour over time and will result in a change in colour from typical grey through to brown. The variance from grey to brown has little or no effect on the quality, durability or size of the final product.

Precautions

Suitable handling and work instructions should be developed for use of this product that takes into account safety information that is available on the Safety Data Sheet for quarried Meta-greywacke rock. The Safety Data Sheet is available from Nucrush’s website at www.nucrush.com.au or by contacting Nucrush on Tel 07 5573 8000. Nucrush Pty. Ltd. Administration Tel 07 5573 8000 Fax 07 5573 2908

www.nucrush.com.au
ABN 23 010 119 981

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