

## PRODUCT DATA SHEET: Type 2.1 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
<b>Particle Size Distribution</b>	(% Passing)		(% Passing)
19.0mm	80 - 100		100
9.5mm	55 – 90		80
4.75mm	40 – 70		62
2.36mm	30 – 55		39
0.425mm	12 – 30		15
0.075mm	5 – 20		6
<b>Fines Ratio</b>	0.30 – 0.55		0.43
<b>Moisture (%)</b>	---		4.5
<b>Flakiness (%)</b>	Maximum	35	22
<b>Wet Str (kN)</b>	Minimum	125	245
<b>Dry Str (kN)</b>	---	---	327
<b>W/D Variation (%)</b>	Maximum	35	25
<b>Linear Shrinkage</b>	Maximum	3.5	1.6
<b>Liquid Limit</b>	Maximum	25	19.0
<b>Plastic Limit</b>	---	---	16.2
<b>Plasticity Index</b>	Maximum	6	2.7
<b>Weighted Linear Shrinkage</b>	Maximum	85	23
<b>Weighted Plasticity Index</b>	Maximum	150	40
<b>Washington Degradation Value</b>	Minimum	45	70
<b>CBR MDD</b>	---		2.19
<b>CBR OMC</b>	---		7.6
<b>CBR %</b>	Minimum	80	105

## 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](http://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

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