

# Technical Data Sheet – GVRCC20

Green Vision Recycling – Recycled Crushed Concrete GAP20

Source Properties	Standard	Test Method	Typical Value
Crushing Resistance	NZS 4407 : 2015	Test 3.10	6.2% fines @ 130kN
Weathering Quality Index	NZS 4407:2015	Test 3.11	>CB
CBR (Soaked)	NZ4407:2015	Test 3.15	>150%
Production Properties			
Grading	NZS 4407:2015	Tests 3.8.1	See Particle Size Distribution tables below
Plasticity Index	NZS4407:2015	Test 3.4	Non-Plastic
Clay Index	NZS4407:2015	Test 3.5	<3
Sand Equivalent	NZS4407:2015	Test 3.6	68
Other Properties			
Maximum Dry Density(t/m <sup>3</sup> )*	NZS 4402:1986	Test 4.1.3	1.93t/m <sup>3</sup>
Optimum Water Content (%)	NZS 4402:1986	Test 4.1.3	13.4%
Foreign Material		T276	Type I 0.8% Type II 0.6% Type III 0.0%

\*Standard Vibrating Hammer Test

## Particle Size Distribution

Coarse Aggregate	Sieve Sizes	Percentage Passing (%)
		Typical Values
	19mm	99
9.5mm	70	
4.75mm	48	
2.36mm	36	
1.18mm	27	
0.6mm	19	
0.3mm	11	
0.15mm	8	
0.075mm	6	

Broken Faces

Broken Faces	Sieve Sizes	Percentage (%)
	4.75 – 9.5mm	100%
	9.5 – 19.0mm	100%
	19 – 37.5mm	100%

MDD Compaction Data

Dry Density (t/m <sup>3</sup> )	1.80	1.85	1.93	1.93	1.80
Water content (%)	11.7	12.9	13.4	13.6	15.1

