

GVRCC65 Technical Data Sheet

Green Vision Recycling Recycling Crushed Concrete- GAP65
AT 0800 AP65RCC Specification comparison

Source Properties	Standard	Test Method	Green Vison Typical Value	0800 RCC Specification
Crushing Resistance	NZS 4407 : 2015	Test 3.10	7.4% fines @ 130kN	>100kN
Weathering Quality Index	NZS 4407:2015	Test 3.11	CB or better	CA or better
CBR(Soaked)	NZS 4407 : 2015	Test 3.15	>100%	>65%
Production Properties				
Grading (PSD)	NZS 4407 : 2015	Test 3.8.1, 3.14	See PSD table below	See PSD table below
Maximum Dry Density(t/m ³)*	NZS 4402:1986	Test 4.1.3	2.08t/m ³	N/A
*Standard vibrating hammer test				
Optimum Water Content (%)	NZS 4402:1986	Test 4.1.3	12.1%	N/A
Plasticity Index	NZS 4407 : 2015	Tests 3.3 & 3.4	Non-Plastic (<5)	Non-Plastic (<8)
Clay Index	NZS 4407 : 2015	Test 3.5	<3	<3
Sand Equivalent	NZS 4407 : 2015	Test 3.6	55	<25
Foreign Material		Test T276	Type I 0.6% Type II 0.1% Type III 0.0%	Type I <3.0% Type II <1.0% Type III <0.5%

Particle Size Distribution (PSD)

Coarse Aggregate	Sieve Sizes	Percentage Passing (%)	AT 0800 RCC Specification	
		Typical values	Lower limit	Upper limit
	63.0mm	100	100	100
53.0mm	97	-	-	
37.5mm	85	80	90	
19.0mm	65	50	70	
9.5mm	45	30	55	
4.75mm	30	20	40	
2.36mm	23	15	30	
1.18mm	18	10	24	
0.6mm	12	6	18	
0.3mm	10	4	14	
0.15mm	8	0	10	
0.075mm	5	0	7	

MDD Compaction Data

Dry Density (t/m ³)	1.85	2.03	2.08	1.91	1.82
Water content (%)	8.8	11.6	12.1	14.2	16.4

Dry Density/Water Content Relationship

