

TYPICAL PERFORMANCE CHARACTERISTICS

Source Atlas Albany
 Product name RCCAP40
 Specification Auckland Transport Series 0800-Specifications for Supply of Aggregates MANARC-MR9 (AP40)
 Sampling method NZS4407:2015

TEST METHODS

NZS4407: 2015: Test

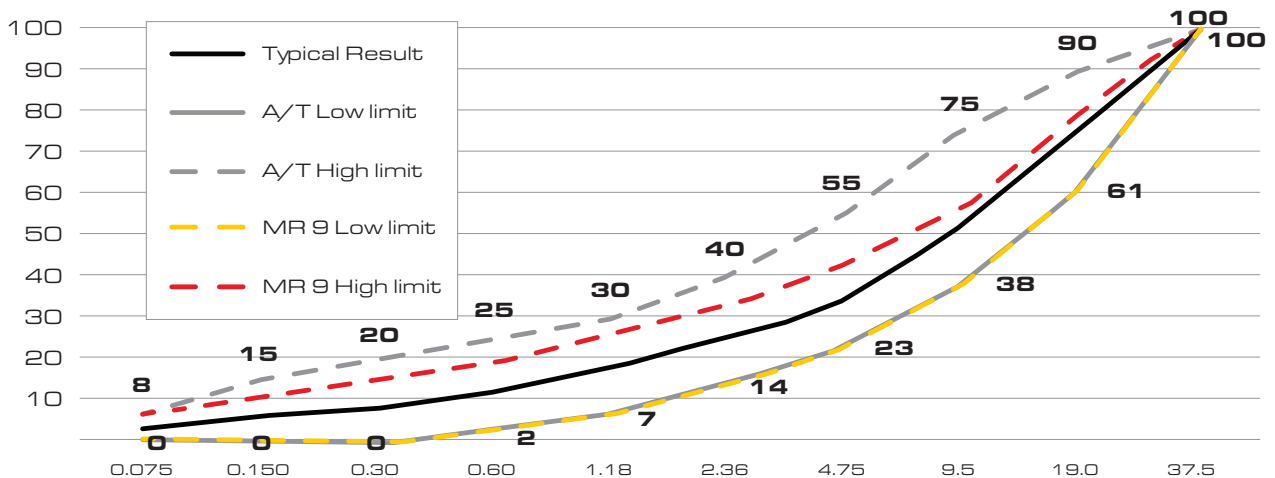
- 3.6: Determination of the Sand Equivalent
- 3.8.1: Particle Size Distribution - Wet Sieve Method
- 3.10: Determination of Crushing Resistance of Coarse Aggregate
- 3.11: Weathering Quality Index
- 3.15: California bearing ratio

2. NZS4402: 1986: Test

- 4.1.1: NZ Standard Compaction Dry Density Water Content Relationship
- 4.1.2: NZ Heavy Compaction Dry Density Water Content Relationship
- 4.1.3: New Zealand vibrating hammer compaction test

Test	Target	Result
Sand Equivalent (minimum)	25<	60
Platicity index	<5	Non-Plastic
Clay index	<3	0
Weathering Resistance	CA or Better	BA
Crushing Resistance (kN)	110-MR9 / 100-AT	130
CBR (%)	65	220
Water Content	-	7%

	Maximum Dry Density (t/m3)	Optimum Water Content (%)	Solid Density Measured (t/m3)
Standard Compaction	1.85	15	2.6
Heavy Compaction	1.98	13	2.6
Vibrating Hammer Compaction	2.22	11	2.6



Sieve size	0.0075	0.150	0.30	0.60	1.18	2.36	4.75	9.5	19.0	37.5
Typical Result	3	6	8	12	18	25	34	52	75	100
A/T Low limit	0	0	0	3	7	14	23	38	61	100
A/T High limit	8	15	20	25	30	40	55	75	90	100
MR 9 Low limit	0	0	0	2	7	14	23	38	61	100
MR 9 High limit	7	10	14	19	25	33	43	57	80	100

TYPICAL PERFORMANCE CHARACTERISTICS

Source Atlas Albany
 Product name RCCAP65
 Specification Auckland Transport Series 0800-Specifications for Supply of Aggregates MANARC-MR8(AP65)
 Sampling method NZS4407:2015

TEST METHODS

NZS4407: 2015: Test

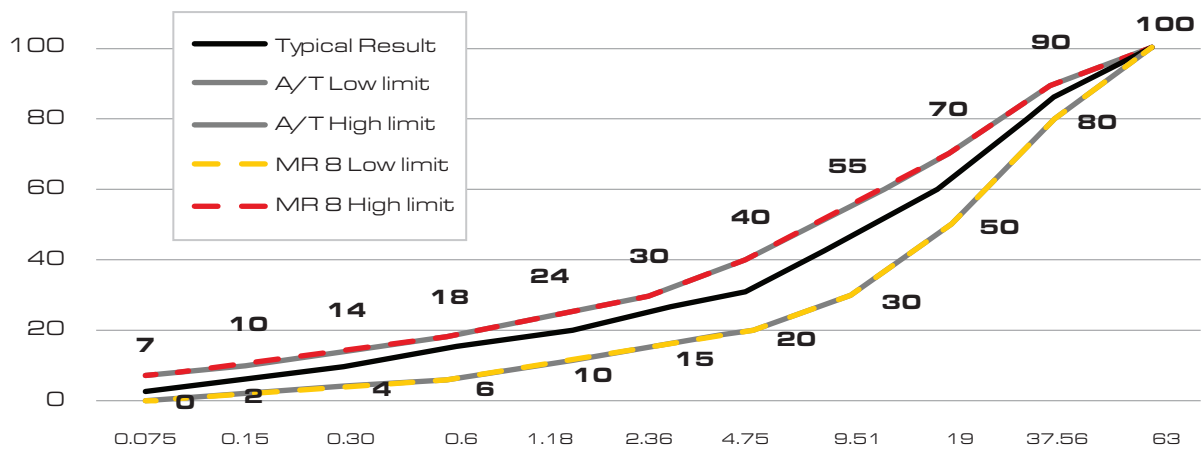
- 3.6: Determination of the Sand Equivalent
- 3.8.1: Particle Size Distribution - Wet Sieve Method
- 3.10: Determination of Crushing Resistance of Coarse Aggregate
- 3.11: Weathering Quality Index
- 3.15: California bearing ratio

2. NZS4402: 1986: Test

- 4.1.1: NZ Standard Compaction Dry Density Water Content Relationship
- 4.1.2: NZ Heavy Compaction Dry Density Water Content Relationship
- 4.1.3: New Zealand vibrating hammer compaction test

Test	Target	Result
Sand Equivalent (minimum)	25<	70
Platicity index	<8	Non-Plastic
Clay index	<3	0.2
Weathering Resistance	CA or Better	CA
Crushing Resistance (kN)	100 MR8 / 100 AT	130
CBR (%)	35	220
Water Content	-	7%

	Maximum Dry Density (t/m3)	Optimum Water Content (%)	Solid Density Measured (t/m3)
Standard Compaction	1.85	15	2.6
Heavy Compaction	1.98	13	2.6
Vibrating Hammer Compaction	2.22	11	2.6



Sieve size	0.0075	0.150	0.30	0.60	1.18	2.36	4.75	9.5	19.0	37.5	63.0
Typical Result	3	6	10	15	19	25	31	47	62	86	100
A/T Low limit	0	2	4	6	10	15	20	30	50	80	100
A/T High limit	7	10	14	18	24	30	40	55	70	90	100
MR 8 Low limit	0	2	4	6	10	15	20	30	50	80	100
MR 8 High limit	7	10	14	18	22	30	40	55	70	90	100