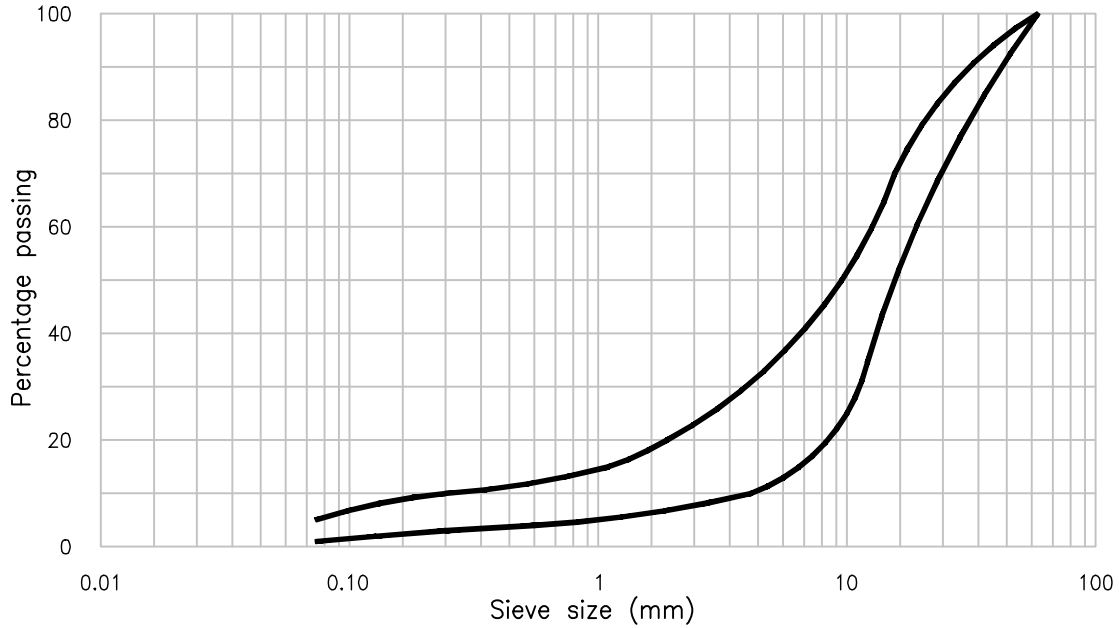


GRADING ENVELOPE



PARTICLE SIZE DISTRIBUTION

Sieve Size (mm)	Percentage Passing	
	Lower Limit	Upper Limit
63.00	100	100
37.50	80	90
19.00	50	70
9.50	22	50
4.75	10	30
2.36	7	20
1.18	5	15
0.60	4	12
0.30	3	10
0.15	2	8
0.075	1	5

C.R. Min.	100 kN
P.I. Max.	<5
CBR	>80%

Test Method—Particle Size Distribution: NZS 4407:1991:Test 3.8.2

NOTE:

1. The percentage of foreign material shall be determined by RTA Test Method T276.
The percentage of foreign materials shall not exceed the following percentages by mass:
 - Type I Materials: Glass, Brick, Stone, Ceramics and Asphalt: < 3%
 - Type II Materials: Plaster, Clay lumps and other friable materials: < 1%
 - Type III Materials: Rubber, Plastic, Bitumen, Paper, Wood and other vegetable or decomposable matter: < 0.5%
2. In no circumstances shall the recycled concrete aggregate contain any asbestos or asbestos fibre.
3. The aggregate sample grading shall be within the sieve limits specified above and be evenly graded between sequential sieves (i.e. not be at the upper limit on one sieve and at the lower limit of the next sieve, or vice versa).
4. The recycled concrete aggregate to be used as SUB-BASECOURSE aggregate only.

MANARC

MANUKAU CITY APPROVED
REQUIREMENT

DETAIL:

**WEDDINGS RECYCLED CRUSHED CONCRETE
AP65 SUB-BASECOURSE AGGREGATE**

UPDATED:

SEP 2009

DETAIL No:

MR-62

MANUKAU CITY COUNCIL