

# CLASS 2 & 3 CRUSHED CONCRETE



There are sound reasons for using Alex Fraser's Class 2 & 3 Crushed Concrete on your next project.

1

## VicRoads approved

If you are undertaking civil construction in Victoria – you will nearly always need to meet VicRoads specifications. With Alex Fraser's Class 2 & 3 Crushed Concrete you won't need to worry – it is made and tested in accordance with VicRoads specifications 812 and 815. We also undertake independent tests in NATA accredited laboratories to ensure the highest standards are met.



2

## Price advantage

Alex Fraser's recycled concrete products have a significant density advantage that can save you big \$\$\$\$. Our product is lighter than our competitors' quarry materials which means you can cover more ground with fewer tonnes. When you use less, it costs less in initial product costs as well as transport costs. Take the Density Advantage Challenge today – most of our customers save up to 10%.

3

## Reliable supply

Experience the reassurance of knowing that your product will arrive reliably at your work site when you need it. Alex Fraser's dependable supply and transport network can help reduce downtime. Our high volume pugmills can produce wet mix or stabilised material at 500 tonnes per hour. This is backed by a modern transport fleet that delivers direct to your site. This strong back-up support can help you and your crew get the job done.

4

## Wet weather application

Unlike crushed rock, Alex Fraser's recycled crushed concrete has no clay fines, allowing it to better handle damp conditions. Don't allow poor weather conditions to cause delays; Alex Fraser's Class 2 & 3 Crushed Concrete will save you time and money – without compromising the result.

5

## Environmental benefits

No doubt you are environmentally conscious – but don't want to get slugged extra for 'doing the right thing'. Alex Fraser's recycled concrete products have a carbon footprint 65% less than equivalent quarry products. By using recycled product you are also helping to reduce landfill and preserving our natural resources. So, for the same price or less, you can do your bit for the environment as well. You might be surprised at the additional credibility your project can gain by using recycled materials.

## Major projects

Alex Fraser's Crushed Concrete has been applied to residential and industrial sub-divisions and suburban roads across Melbourne. For more than 20 years it has a proven performance record. The product has been used in major infrastructure projects such as Eastlink, the Western Ring Road and the Melbourne Grand Prix track.



**For sales and advice call 136 135**

Application	Road base material, hard stand areas under concrete slabs, bedding material and backfilling.
Available	Dry, wet mix or stabilised
Loose Density (natural) (approx)	1.60 t/m3
Maximum Dry Density (approx)	2.01 t/m3
Optimum Moisture Content (approx)	12.0%
Colour	Grey
Nominal Size	20mm

Type	Class 2	Class 3
Foreign Material Type	Max Allowable %	Max Allowable %
High density materials such as metal, brick and glass	2	3
Low density materials such as plastic, rubber, plaster, clay, lumps and other friable material	0.5	1
Wood and other vegetable or decomposable matter	0.1	0.2

20mm Test Value Before Compaction		
Sieve Size AS (mm)	Class 2 Limits of Grading (% Passing by Mass)	Class 3 Limits of Grading (% Passing by Mass)
26.5	100	100
19.0	95-100	95-100
13.2	78-92	78-92
9.5	63-83	63-83
4.75	44-64	44-64
2.36	30-48	30-48
0.425	13-21	13-21
0.075	5-9	5-9

Test	Class 2 Test Value	Class 3 Test Value
Liquid Limit (%) (max)	35	35
Plasticity Index (max)	6	10
California Bearing Ratio (%) (min)	100	80
Los Angeles Abrasion Loss (max)	35	40
Flakiness Index (%) (max)	35	-

### Conforms to:

Alex Fraser's Class 2 & 3 Crushed Concrete conforms to VicRoads specifications 812 and 815.

### Composition includes:

Concrete, rock, brick and asphalt. Composition is in accordance with VicRoads specifications and Alex Fraser's mix designs registered with VicRoads.

### Particle size:

Can also be produced to 40mm on request.

**TAKE THE DENSITY ADVANTAGE CHALLENGE TODAY. COMPARE AND CALCULATE YOUR COST SAVINGS.**

Test	Product	Material Volume m3	Approx Wet Density	Quote Price	Approx. Total Cost \$
Alex Fraser	Class 2 Crushed Concrete	m3	t/m3		
Alternate Supplier	Class 2 Crushed Rock	m3	t/m3		
Alex Fraser	Class 3 Crushed Concrete	m3	t/m3		
Alternate Supplier	Class 3 Crushed Rock	m3	t/m3		



### Recycling Facilities

**LAVERTON:** 9-19 Alex Fraser Drive, Laverton North Vic 3026 (Melways 39 D12)

**CLARINDA:** 275-315 Kingston Rd, Clarinda Vic (Melways 78 K11)

**EPPING:** 445-475 Copper Street, Epping Vic 3076 (Melways 88 D1)

**Fax:** (03) 9371 8150

**Website:** www.alexfraser.com.au

**Email:** sales@alexfraser.com.au

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