

RECLAIMED ASPHALT PAVEMENT (RAP)

There are sound reasons for using Alex Fraser's Reclaimed Asphalt Pavement (RAP) on your next project. RAP is the term given to removed and/or reprocessed road pavement materials containing asphalt and aggregates.

1

Price advantage

Alex Fraser's RAP products have a significant density advantage that can save you big \$\$\$\$. Take the Density Advantage Challenge today – most of our customers save up to 10%.

2

Minimal dust

RAP produces less dust than other crushed materials and is recommended for those trafficked areas and environments where dust is a nuisance.

3

Reliable supply

Experience the reassurance of knowing that your product will arrive reliably to your work site when you need it. Alex Fraser's dependable supply network can help reduce downtime and 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

Alex Fraser's RAP products have no clay fines allowing it to better handle damp conditions. Don't allow poor weather to cause delays; RAP products can save you time and money – without compromising the result.

5

Environmental benefits

By using recycled products such as RAP you are 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.



7mm RAP



10mm RAP



20mm RAP



40mm RAP



For sales and advice call 136 135

Technical Information Sheet RECLAIMED ASPHALT PAVEMENT (RAP)

Application	Unbound haul roads, hard stands, driveways and temporary car parks
Available	Dry or wet mix
Loose Density (natural) (approx)	1.65 t/m ³
Maximum Dry Density (approx)	2.05 t/m ³
Optimum Moisture Content (approx)	7.5%
Colour	Black
Nominal Size	7mm, 10mm, 20mm or 40mm

Test Value Before Compaction				
Sieve Size AS (mm)	7mm RAP Limits of Grading (% Passing by Mass)	10mm RAP Limits of Grading (% Passing by Mass)	20mm RAP Limits of Grading (% Passing by Mass)	40mm RAP Limits of Grading (% Passing by Mass)
37.5				100
26.5			100	89-100
19.0			89-100	88-99
13.2		100	88-99	84-96
9.5	100	89-100	85-97	78-90
6.7	89-100	81-93	76-88	70-82
4.75	85-97	71-83	62-74	60-72
2.36	64-74	54-64	43-53	44-54
1.18	49-59	42-52	32-42	33-43
0.600	37-47	32-42	24-34	25-35
0.300	27-35	23-31	18-26	18-26
0.150	17-23	14-20	11-17	11-17
0.075	12-16	9-13	8-12	8-11

Bitumen Content % by Mass			
7mm RAP	10mm RAP	20mm RAP	40mm RAP
3.4-4.4	3.3-4.3	3.2-4.2	3.1-4.1

Common Applications

RAP is an inexpensive and economical alternative product for **unbound** haul roads, hardstands, driveways and temporary car parks. It also may be used for hot mix asphalt production and cold mix recycling.

RAP is applied similar to crushed concrete and rock products and requires the same methodology to achieve greater compaction.

Composition includes:

Crushed asphalt and rock aggregate. Asphalt removed from existing asphalt pavement, re-processed by crushing and/or screening for recycling into new pavement.

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

Supplier	Product	Material Volume m ³	Approx Wet Density	Quoted Price	Approx Total Cost \$
Alex Fraser	20mm RAP	m ³	t/m ³		
Alternate Supplier	20mm Crushed Rock	m ³	t/m ³		

Also available on our website: www.alexfraser.com.au/calc.php



Recycling facilities

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

EPPING: 445-475 Cooper Street, Epping VIC 3076 (Melways 88 D1)

CLARINDA: 275-315 Kingston Road, Clarinda VIC 3169 (Melways 78 K11)

Fax: (03) 9371 8150

Email: sales@alexfraser.com.au

Web: www.alexfraser.com.au



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