

21 May 2019

Our Ref: 1190521-1

Asphalt Kerb Australia Pty Ltd
Attention: Mr Jeff Robinson
4 Lockhart Drive
ROSEBUD VIC 3939

Dear Mr Robinson,

RE: TESTING OF ASPHALT KERBING

We have carried out the testing as requested on a core sample taken from the bulk asphalt sample supplied to us and the results are attached (Appendix A).

However, in assessing the test results, it is not appropriate to compare them with that of concrete. Concrete is a brittle material that fractures with very little deformation under load, whereas asphalt is a flexible material that essentially deflects under load without fracturing. In other words, concrete and asphalt are two entirely different materials and it would be erroneous to compare the properties of one against the other.

The most important element of asphalt for performance is density. In this case, the sample had a density of 2140 kg/m² which is typical of well compacted asphalt, especially when you consider the specific density – bulk density – of the stone used in the asphalt is approximately 2500 kg/m³ to 2600 kg/m³.

Should you require any further information regarding this matter, please do not hesitate to contact me at our Mornington office.

Yours faithfully



GRANT GIBBS
CIVILTEST PTY LTD

REF: GG

APPENDIX A

LABORATORY TEST RESULTS

CONCRETE CORE COMPRESSIVE STRENGTH REPORT

10 Latham Street (P O Box 537) Mornington 3931 Tel: (03) 5975 6644 Fax: (03) 5975 9589
 Also at: Mitcham (03) 9874 5844, Mildura (03) 5023 2870, Wodonga (02) 6024 4343 and Wonthaggi (03) 5672 3900

PROJECT: ASPHALT KERB MATERIAL TESTING	CLIENT : ASPHALT KERB AUSTRALIA PTY LTD	REPORT No. : 1190521-2 ISSUE DATE: 21/05/2019	Page 1 of 1
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Sample Number	Core Location	Specimen Details			*Age of Asphalt	Test Date	Core Strength (Mpa)	Corrected Strength (Mpa)	Mass/Unit Volume (kg/m ³)	Reinforcement			Core Defects
		Number	Height	Diameter						Size	Position pre trim	Position post trim	
191-3650A	KERB	1	115mm	75mm	N/K	21-05-19	3.0	3.0	2140	--			
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Sample Number	Core Location	Specimen Details			*Age of Concrete	Test Date	Core Strength (Mpa)	Corrected Strength (Mpa)	Mass/Unit Volume (kg/m ³)	Reinforcement			Core Defects
		Number	Height	Diameter						Size	Position pre trim	Position post trim	
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NOTE: DEVIATION FROM TEST METHODS, MATERIAL SUPPLIED BY CLIENT MAY BE OUTSIDE THE SCOPE OF TESTING.



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CIVILTEST PTY LTD
 Mornington Laboratory Accreditation No. 1407
 10 Latham Street, Mornington

G N GIBBS
 Approved Signatory

NOTES:

1. Unless stated to the contrary coring is by Civiltest Pty Ltd in accordance with AS 1012.14
2. Cores were NOT preconditioned
3. Compression Testing follows AS 1012.9
4. Unless stated to the contrary sulphur caps applied to core ends.
5. Mass/unit volume follows AS1012.12.1
6. *Denotes derived from information supplied by Client
7. Age of Concrete refers to age, in days, at time of compression testing
8. Abbreviations: Not Known - NK, Not Available - NA, Not Tested - NT
9. Position of reinforcement is measured from top of the core.