

Percentage of Fine Material (< 75 µm) in Sealing Aggregate, by washing

RC 375.12

March 2018

1. Scope

This method applies to the determination, by washing, of the amount of material finer than 75 µm in sealing aggregate, for aggregates supplied in accordance with VicRoads Standard Specification Section 831 – *Aggregates for Sprayed Bituminous Surfacing*.

- Notes:
1. The method does not apply to the determination of particle size distribution for any other materials.
 2. After completion of this test, a full particle size distribution to AS 1141.11.1 may be performed on the dried sample produced at step 7(e).

2. Procedure

The procedure and reporting shall be in accordance with AS 1141.12 - *Materials finer than 75 µm in aggregates (by washing)*, except for the following changes:

Clause of AS 1141.12	Action	Changed text for RC 375.12												
5(a)	Replace with new text	Balance of adequate capacity, readable to at least 0.1 g and with a limit of performance not exceeding 0.5 g.												
6	Replace Table 1 – <i>Minimum mass of test portion for sieving</i> , with new text, and Add Note	<table border="1"> <thead> <tr> <th>Nominal size (mm)</th> <th>20</th> <th>14</th> <th>10</th> <th>7</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>One-sized aggregate (g)</td> <td>1500</td> <td>700</td> <td>500</td> <td>500</td> <td>500</td> </tr> </tbody> </table>	Nominal size (mm)	20	14	10	7	5	One-sized aggregate (g)	1500	700	500	500	500
		Nominal size (mm)	20	14	10	7	5							
		One-sized aggregate (g)	1500	700	500	500	500							
Note: Sieves must not be overloaded, see AS 1141.11.1, step 6 (c) and Table 2. If appropriate, divide the test portion into approximately equal sub-portions.														
7(a)	Add text (shown in bold) after mass symbol and determine its mass (m_1), to the nearest 0.1 g .												
7(d)	Delete the Note	(no replacement text)												
7(e)	Add text (shown in bold) after mass symbol determine the mass (m_2), to the nearest 0.1g , of dried aggregate.												
9(a)	Replace with new text, as appropriate	(a) The percentage of material passing the 75 µm sieve to the nearest 0.1 %.												
9(c)	Replace with new text	(c) The number of this Test Method, i.e. RC 375.12.												

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VicRoads Test Method - Revision Summary

RC 375.12 – Percentage of Fine Material (< 75 µm) in Sealing Aggregate, by washing

Date	Clause	Description of Revision	Authorised by
March 2018	Full method	New Issue	Manager – Construction Materials