



Transport
Roads & Maritime
Services

Test method T210

Density and water absorption of fine aggregate

OCTOBER 2012



Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
		Reformatted and Revision Summary Added A.S. No. Revised	D.Dash	May 1999
	1,2,3	To align with revision of AS 1141.5		Feb 2002
	4	Deleted. No longer required		Feb 2002
Ed 2/ Rev 0	All	Reformatted RMS template	J Friedrich	October 2012

Note that Roads and Maritime Services is hereafter referred to as 'RMS'.

The most recent revision to Test method T210 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

Test method T210

Density and water absorption of fine aggregate

1. Scope

This test method sets out the procedure for the determination of bulk density and water absorption of fine aggregate.

The method conforms to the procedure described in Australian Standard 1141.5, Section 5, except for the addition of definitions in Section 2.

2. Definitions

The Bulk Density is the mass in air of the oven dry particles divided by the saturated, but surface dry, volume of the particles (i.e. gross volume which includes both permeable and impermeable voids). In AS 1141.5 Clause 3.2 this is defined as

“Particle density on a dry basis.”

The Bulk Density on a saturated surface dry basis is the mass in air of the saturated, but surface dry, particles divided by the saturated, but surface dry, volume of the particles. In AS 1141.5 Clause 3.3 this is defined as

“Particle density on a saturated surface dry basis.”