



Transport
Roads & Maritime
Services

Test method T1311

Permeability of remoulded road
construction materials (constant head
method)

NOVEMBER 2012



Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
		Reformatted and Revision Summary Added.	D Dash	June 2001
Ed 2/ Rev 0	All	Cross reference to AS 1289.6.7.1. Change in units m/sec to conform to AS. - Title Revised	D Hazell	Feb 2009
Ed 3/ Rev 0	All	Reformatted RMS template	J Friedrich	November 2012

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

The most recent revision to Test method T1311 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

Test method T1311

Permeability of remoulded road construction materials (constant head method)

1. Scope

This test method sets out the procedure to determine the coefficient of permeability for the laminar flow of water through a remoulded soil specimen by a constant head method.

2. General

(a) The method is suitable for soils with a coefficient of permeability greater than about 10^{-8} m/s

NOTE: To convert permeability specified in m/day to m/s divide by 86,400.

(b) The test is on a disturbed and remoulded specimen

3. Apparatus, Preparation, Procedure, Calculations and Reporting

This test method is identical to AS 1289.6.7.1 “Determination of permeability of a soil - Constant head method for a remoulded specimen” except for the following amendments:

- (i) Include information required under AS 1289.6.7.1 and the following in the report:
 - Diameter of test cylinder used
 - Reference to this test method