Transport Roads & Maritime Services

Test method T1177

Hardness of cold applied joint sealing compound

NOVEMBER 2012

Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
		Reformatted and Generally Revised	D.Dash	February 2000
		Revision Summary Added	D.Dash	June 2001
Ed 2/ 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 T1177 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

Test method T1177

Hardness of cold applied joint sealing compound

1. Scope

This test method sets out the procedure for determining the hardness of cold applied joint sealing compound by the Shore Durometer.

2. Apparatus

(a) Shore Durometer (Model A).

(b) Brass frames with inside dimensions 130 mm by 40 mm by 6 mm deep.

(c) Plate glass 75 mm by 150 mm.

(d) Metal straightedge or metal spatula.

3. Procedure

(a) Condition 250 grams of the base compound with the appropriate amount of accelerator for at least 16 hours at 23 ± 2ºC.

(b) Mix the components thoroughly by hand for a period of five minutes.

(c) Fill two frames which have been positioned on a glass plate with material and strike the surface off fat with a straightedge or metal spatula.

(d) Allow the samples to cure for 14 days under standard conditions of 23 ± 2ºC and 50 per cent humidity.

(e) Test each sample for hardness by Test Method T1103, three readings being taken on each specimen.

4. Reporting

Take the mean of the six readings obtained and report as the hardness (Shore Durometer, Model A).