



Transport
Roads & Maritime
Services

Test method T1195

Tack free time of sealant

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	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 T1195 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

Test method T1195

Tack free time of sealant

1. Scope

This method sets out the procedure for estimating the time required for a sealant to cure at the surface so that it becomes sufficiently tack-free to avoid being picked up by vehicle tyres. It is derived from the US Military Specification Mil-S-8802E, section 4.8.8.

2. Apparatus

- (a) Degreased aluminium panel having dimensions 150 x 7 x 1 mm.
- (b) Strips of 0.1 mm polythene film of dimensions 175 x 25 mm.
- (c) Two timber strips of width 25 mm, length 150 mm, and thickness sufficient to give a mass of 75 g.

3. Procedure

- (a) Prepare and mix the sealant according to the manufacturer's directions.
- (b) Apply a 3 ± 0.4 mm thickness of sealant to a degreased aluminium panel, and allow to cure at $23 \pm 3^\circ\text{C}$ and $60 \pm 15\%$ relative humidity.
- (c) After the specified tack-free time apply two strips of clean polythene film side by side along the length of the sealant surface, and hold them in place for two minutes with timber strips weighing 75 g.
- (d) Withdraw the polythene strips evenly at right angles from the surface over a period of 10 s.
- (e) The sealant is tack-free if the polythene comes away from the surface clean and free of sealant.

4. Reporting

Report as PASS or FAIL.