

Roads

Master Specification

RD-BP-C9 Texture Restoration of Sealed Roads

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RD-BP-C9 Texture Restoration of Sealed Roads

1 General

- 1.1 This Part specifies the requirements for the restoration of surface texture on sealed roads by improving the texture depth of by the removal of excessive binder on the surface.
- 1.2 Treatments for removing excess binder and restoring texture may be either high pressure water blasting or solvent applications.

2 Quality Requirements

- 2.1 The Contractor shall prepare and implement a Quality Plan that includes detailed procedures and documentation for the treatment processes to be used to achieve the specified standards.
- 2.2 Provision of the procedures and documentation shall in this Clause shall constitute a **Hold Point**.

3 Performance Standards

- 3.1 At the completion of treatment, the surface texture depth shall comply with the following requirements:

Table RD-BP-C9 3-1 Texture Depth

Existing Surface	Minimum Texture Depth (mm)	Maximum Texture Depth (mm)
7 mm Spray Seal, 10/5 seal, Slurry, Micro surfacing	1.0	1.7
Dense mix asphalt, Stone Mastic Asphalt, Cape Seal	1.0	2.0
10 mm Spray Seal, 14/7, 16/7 seal, Open Grade Asphalt	1.2	2.0
14 mm or 16 mm Spray Seal	1.4	2.4

Note: Based on Table 2.5 of AP-G63/03 "Guide to the Selection of Road Surfacing", Austroads, Sydney, 2003.

- 3.2 Classification of existing surface type and size will be undertaken by the Principal in consultation with the Contractor.
- 3.3 The Contractor shall ensure that only binder is removed and that no damage to the road occurs, including:
 - a) no more than 10% of stone is dislodged from any square metre of treated surface; and
 - b) removal of the surfacing and scouring of underlying pavement layers.

4 Environmental Management Requirements

- 4.1 The Contractor shall comply with the requirements of PC-ENV1 "Environmental Management Requirements".

5 Hold Points

- 5.1 The following is a summary of Hold Points referenced in this Part:

Document Ref.	Hold Point	Response Time
2	Submission of Quality Plan, procedures and documentation (if not in Post Tender Submission)	7 days

6 Verification Requirements and Records

- 6.1 The Contractor shall undertake the testing specified in this Clause and supply written evidence of compliance with the lot package. This shall include details of the type and size of the existing surface treatment, the texture depth achieved at each test site and the location of each test site in terms of lane designation, offset from edge line and distance from nearest maintenance marker.
- 6.2 For testing purposes, lots shall be limited to individual lanes. The area of each lot shall be defined as the lesser of:
- a) the area treated within each lane of the AE; and
 - b) 400 m² of treated lane.

Table RD-BP-C9 6-1 Verification Requirements

Document Ref.	Subject	Property	Test Procedure	Test Frequency	Acceptance Limits
2	Surface Texture	Texture Depth	TP348	Continuous; reported as mean value in each wheel path per lot	Refer Table RD-BP-C9 3-1
2	Surface Texture	Texture Depth	TP346	Two tests per lot*	Refer Table RD-BP-C9 3-1

* Where both wheel paths are treated one test in each wheel path shall be undertaken.