

Specification (Measurement)

**Transport and Main Roads Specifications
MRS13 Bituminous Slurry Surfacing**

November 2018

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1 Introduction

This Specification applies to the manufacture and laying of a bituminous emulsion/aggregate slurry road surfacing system. Two systems are covered by this Specification:

- a) slurry seal, and
- b) micro-surfacing.

This Specification shall be read in conjunction with MRS01 *Introduction to Specifications* and other Specifications as appropriate.

This Specification forms part of the Transport and Main Roads Specifications Manual.

2 Measurement of work

2.1 Standard Work Items

In accordance with the provisions of Clause 2 of MRS01 *Introduction to Specifications*, the Standard Work Items covered by this Specification are listed in Table 2.1.

Table 2.1 – Standard Work Items

Standard Item No.	Description	Unit of measurement
Bituminous Slurry Surfacing		
40901	Preparation of existing surface	m ²
40902	Bituminous slurry seal, QS3	m ³
40903	Bituminous slurry seal, QS5	m ³
40904	Bituminous slurry seal, QS7	m ³
40905	Bituminous slurry micro-surfacing, QS5	m ³
40906	Bituminous slurry micro-surfacing, QS7	m ³
40907	Bituminous slurry micro-surfacing, QS10	m ³
40908	Bituminous slurry rut-filling	m ³

2.1.1 Work Operations

Item 40901 Preparation of existing surface

Work Operations incorporated in the above item include:

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*
- b) setting out
- c) surface cleaning
- d) protection of Services
- e) surface defects preparation
- f) tack coat application, and
- g) water fog coat application.

Item 40902	Bituminous slurry seal, QS3
Item 40903	Bituminous slurry seal, QS5
Item 40904	Bituminous slurry seal, QS7
Item 40905	Bituminous slurry micro-surfacing, QS5
Item 40906	Bituminous slurry micro-surfacing, QS7
Item 40907	Bituminous slurry micro-surfacing, QS10
Item 40908	Bituminous slurry rut-filling

Work Operations incorporated in the above items include:

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*
- b) being an approved manufacturer or engaging a subcontractor who is an approved manufacturer of the relevant nominal size of bituminous slurry
- c) supply and delivery of all materials
- d) manufacture of the bituminous slurry in accordance with the approved mix design, and
- e) laying and finishing the bituminous slurry treatments.

2.1.2 Allocation of Item Numbers

Specific Item Numbers used in the Schedule of Rates for this Contract shall be deemed to represent the work associated with the particular reference locations, and treatment codes where applicable, stated in Clauses 1, 2 and 3 of Annexure MRS13.1.

2.1.3 Method of measurement

2.1.3.1 Preparation of the existing surface

The preparation of the existing surface shall be measured as the area over which the slurry surfacing is laid.

2.1.3.2 Slurry treatments

The quantity of slurry surfacing shall be measured by volume of dry mineral aggregate (not including filler) used in completing the Works.

