

Superseded

Specification (Measurement)

**Transport and Main Roads Specifications
MRS85 Repainting Steel Bridges**

June 2009

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1 Introduction

This specification applies to the repainting of steel bridges which have an existing red lead or other prime coat well adhering to the steelwork and an existing micaceous iron oxide top coat; in urban areas or areas with a significant number of pedestrians on or under the bridge, less than 1% of the paint system broken down; or in other areas, less than 10% of the paint system broken down.

This specification is based on encapsulation of the red lead prime coat, where applicable. Abrasive blast cleaning which removes the red lead primer is not permitted.

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 Work Item No.	Description	Unit of Measurement
Repainting of Steel Bridges		
8711P	Micaceous iron oxide, full re-coat (Provisional Quantity)	m ²
8712P	Micaceous iron oxide, top coating (Provisional Quantity)	m ²

2.2 Work Operations

Item 8711P Micaceous iron oxide, full re-coat (Provisional Quantity)

Item 8712P Micaceous iron oxide, top coating (Provisional Quantity)

Work Operations incorporated in the above items include:

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*
- b) supply of all materials and equipment
- c) provision of access
- d) collection, storage and transportation of red lead waste
- e) surface preparation
- f) application of paint, and
- g) compliance with all statutory requirements.

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