

Superseded

Specification (Measurement)

**Transport and Main Roads Specifications
MRS35 Recycled Material Blends for Pavements**

November 2018

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Contents

- 1 Introduction1**
- 2 Measurement of work1**
 - 2.1 Standard Work Items 1
 - 2.2 Work Operations 2
 - 2.3 Calculation of quantities 2
- 3 Utilisation of a rejected lot for a reduced level of service2**
- 4 Additional payment for a higher standard of surface evenness3**

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1 Introduction

This Specification applies to the use of recycled material blends for the construction, rehabilitation and maintenance of road pavements.

When used in accordance with the provisions of MRS35 *Recycled Material Blends for Pavements*, a recycled material blend may be used as a substitute for a quarry sourced material otherwise specified for the Works.

The requirements of this Specification are supplementary to the relevant parent Specifications, as identified in Table 1.

Table 1 – Parent Specifications

Application	Parent Specification
Unbound pavement construction	MRS05
Plant-mixed lightly bound pavement construction	MRS10
Plant-mixed heavily bound (cemented) pavement construction	MRS08
Plant-mixed foamed bitumen pavement construction	MRS09
Insitu stabilisation of pavements using cement or cementitious blends	MRS07B
Insitu stabilisation of pavements using foamed bitumen	MRS07C

This Specification shall be read in conjunction with MRS01 *Introduction to Specifications*, MRS50 *Specific Quality System Requirements* 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
Recycled Materials for Pavements		
42401R	Recycled Material Blend Type RM001, Unbound pavement, [layer location]	m ³
42402R	Recycled Material Blend Type RM002, Unbound pavement, [layer location]	m ³
42403R	Recycled Material Blend Type RM003, Unbound pavement, [layer location]	m ³
42404R	Recycled Material Blend Type RM004, Unbound pavement, [layer location]	m ³
42405R	Recycled Material Blend Type RM005, Unbound pavement, [layer location]	m ³
42406R	Recycled Material Blend Type RM006, Unbound pavement, [layer location]	m ³

Work items that relate to the use of recycled material blends in stabilised pavement materials are provided in the relevant Parent Specification.

2.2 Work Operations

Item 42401R Recycled Material Blend Type RM001, Unbound pavement, [*layer location*]

Item 42402R Recycled Material Blend Type RM002, Unbound pavement, [*layer location*]

Item 42403R Recycled Material Blend Type RM003, Unbound pavement, [*layer location*]

Item 42404R Recycled Material Blend Type RM004, Unbound pavement, [*layer location*]

Item 42405R Recycled Material Blend Type RM005, Unbound pavement, [*layer location*]

Item 42406R Recycled Material Blend Type RM006, Unbound pavement, [*layer location*]

Work Operations incorporated in the above items include:

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*
- b) winning/reclaiming and processing of materials
- c) stockpiling
- d) supply, transport and delivery of all material
- e) spreading and placement of material
- f) supply and incorporation of water
- g) compacting and trimming
- h) preparation of joints, including removal and disposal of cutback material
- i) preparation of surfaces
- j) additional work to achieve higher tolerances
- k) compliance with the requirements of the relevant parent technical specification
- l) sampling and compliance testing to demonstrate conformance with the relevant Technical Specifications, and
- m) maintenance of the subgrade and/or pavement courses

2.3 Calculation of quantities

Quantities of unbound pavement material for payment shall be calculated as the compacted and trimmed portion of the works that falls within the allowable position and level tolerances specified.

Unbound Pavement material placed as follows shall not be claimed for payment:

- material placed outside of the specified position and level tolerances, and
- additional material placed to make up for a level or position non-conformance in an underlying layer

3 Utilisation of a rejected lot for a reduced level of service

Refer to the requirements of the relevant Parent Specification.

4 Additional payment for a higher standard of surface evenness

Refer to the requirements of the relevant Parent Specification.

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