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Specification (Measurement)

**Transport and Main Roads Specifications
MRS35 Recycled Materials for Pavements**

April 2011

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1 Introduction

This specification applies to the material requirements for recycled materials to be used in pavements for road construction, rehabilitation and maintenance.

This specification consists of Clauses 1 and 2 of MRS35 and all Clauses of MRTS35.

This specification shall be read in conjunction with specifications 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
4151R	Unbound pavement, Recycled Material Blend Type RM001, [<i>layer location in pavement</i>].	m ³
4152R	Unbound pavement, Recycled Material Blend Type RM002, [<i>layer location in pavement</i>].	m ³
4153R	Unbound pavement, Recycled Material Blend Type RM003, [<i>layer location in pavement</i>].	m ³
4154R	Unbound pavement, Recycled Material Blend Type RM004, [<i>layer location in pavement</i>].	m ³
4155R	Unbound pavement, Recycled Material Blend Type RM005, [<i>layer location in pavement</i>].	m ³
4238RP	New material to replace material not suitable for stabilisation, Recycled Material Blend Type RM006.	m ³
4203RP	New material to replace material not suitable for stabilisation, Recycled Material Blend Type RM007.	m ³

2.2 Work Operations

Item 4151R Unbound pavement, Recycled Material Blend Type RM001, [*layer location in pavement*].

Item 4152R Unbound pavement, Recycled Material Blend Type RM002, [*layer location in pavement*].

Item 4153R Unbound pavement, Recycled Material Blend Type RM003, [*layer location in pavement*].

Item 4154R Unbound pavement, Recycled Material Blend Type RM004, [*layer location in pavement*].

Item 4155R Unbound pavement, Recycled Material Blend Type RM005, [*layer location in pavement*].

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 feed materials to produce uniform and homogenous product materials
- c) stockpiling
- d) supply and delivery of all material to the pavement
- e) spreading of material over the pavement in a way that ensures that there is no segregation of material
- f) supply and incorporation of water
- g) compacting and trimming
- h) additional work to achieve higher tolerances
- i) maintenance of the subgrade and/or pavement courses, and
- j) testing including compliance testing and testing for reporting only.

Item 4238RP New material to replace material not suitable for stabilisation, Recycled Material Blend Type RM006.

Item 4203RP New material to replace material not suitable for stabilisation, Recycled Material Blend Type RM007.

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 feed materials to produce uniform and homogenous product materials
- c) stockpiling
- d) supply and delivery of all materials to the pavement
- e) spreading of material over the pavement in a way that ensures that there is no segregation of material
- f) compacting and trimming the materials to facilitate in situ stabilisation and work operations related to it
- g) maintenance of the subgrade, and
- h) testing including compliance testing and testing for reporting only.

2.3 Basis of payment

Payment is based on finished compacted volume in the pavement.

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