

Superseded

Specification (Measurement)

**Transport and Main Roads Specifications
MRS58 Subgrade Reinforcement using Pavement
Geosynthetics**

October 2015

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1 Introduction

This Specification applies to the physical, material and construction requirements for Subgrade Reinforcement using Pavement Geosynthetics.

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. The measured quantity for payment shall be the area installed excluding laps and joints.

Table 2.1 – Standard Work Items

Standard Item No.	Description	Unit of Measurement
Geotextiles for Paving Applications		
5154	Supply of Pavement Geosynthetic Material [geogrid/geocomposite/woven geotextile]	m ²
5155	Transport of Pavement Geosynthetic Material supplied by the Principal [geogrid/geocomposite/woven geotextile], from [supply location]	m ²
5156	Placement of Pavement Geosynthetic Material [geogrid/geocomposite/woven geotextile]	m ²

2.2 Work Operations

Item 5154 Supply of Pavement Geosynthetic Material [geogrid/geocomposite/woven geotextile]

Work Operations incorporated in the above item include:

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*
- b) supply of Pavement Geosynthetic Material (*Geogrid/Geocomposite/Woven Geotextile*) including allowance for lapping and joining
- c) loading, hauling, delivery and storage out of direct sunlight of Pavement geosynthetic material and such that water does not enter the geosynthetic material(s), and
- d) associated material compliance testing.

Item 5155 Transport of Pavement Geosynthetic Material supplied by the Principal [geogrid/geocomposite/woven geotextile], from [supply location]

Work Operations incorporated in the above item include:

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*

- b) transport of material from the point of supply by the Principal to the Site or other location as set out in the Principal Supplied Material List (Form C6827), and
- c) storage of material out of direct sunlight.

Item 5156 Placement of Pavement Geosynthetic Material [geogrid/geocomposite/woven geotextile]

Work Operations incorporated in the above item include:

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*
- b) preparation of the surface prior to placement of pavement geosynthetic material
- c) dispensing and placement of pavement geosynthetic material including lapping and joining
- d) rolling of geosynthetic material, and
- e) removal and disposal of excess material from the Site.

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